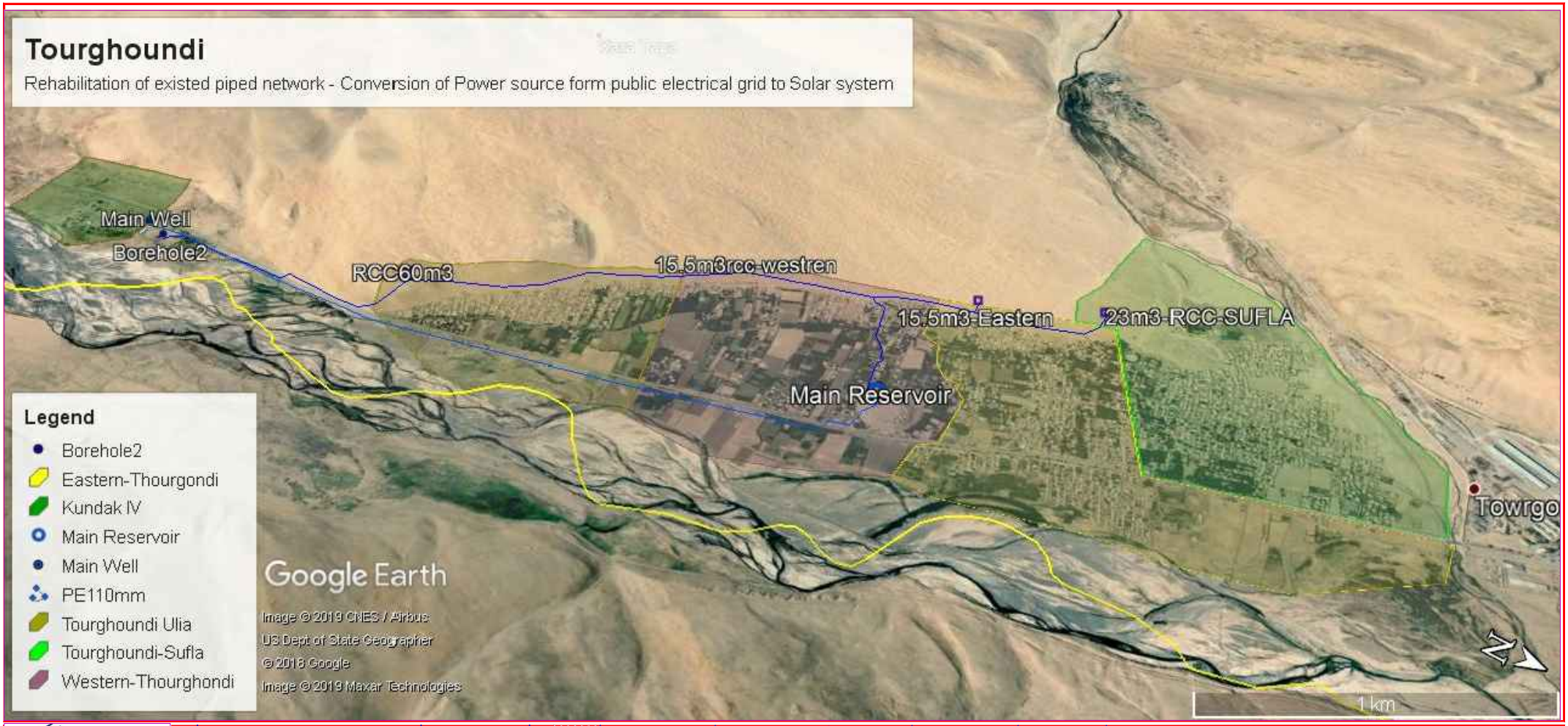


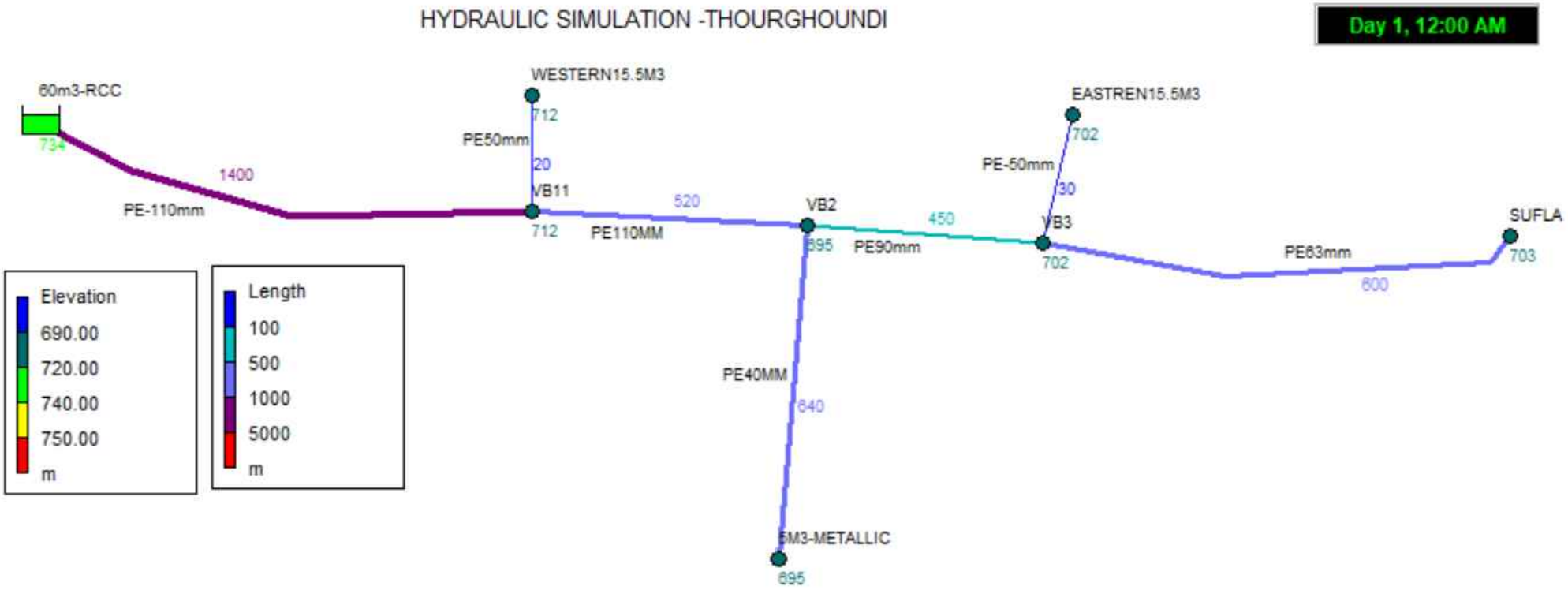
CATHOLIC RELIEF SERVICES

No	TASK AND RESPONSIBLE		DATE
1	SURVEYED BY:	ENG.EBRAHIMI	28-SEP-2019
2	DESIGNED BY:	HIKMAT ARIFZAI	10-DEC-2019
3	REVIEWED BY:	HIKMAT-ARIFZI	02-JAN-2020
4	APPORVED BY:	MARGOT DURIN	

1/18

PROVINCE	HERAT	SCALE	LINER SCALE	PROJECT	WASH-OFDA-II (EARLY RECOVERY)
DISTRICT	KUSHK RUBAT SANGI	START DATE	10-FEB-2020	PROJECT SUB TITLE	SOLAR POWERED-WATER SUPPLY SYSTEM
VILLAGE NAME	FOR VILLAVES IN TORGHOUNDI				
VILLAGE CODE		END DATE	30-JUNE-2020	DRAWING No.	Google Map SKETCH

HYDRAULIC SIMULATION -THOURGHOUNDI



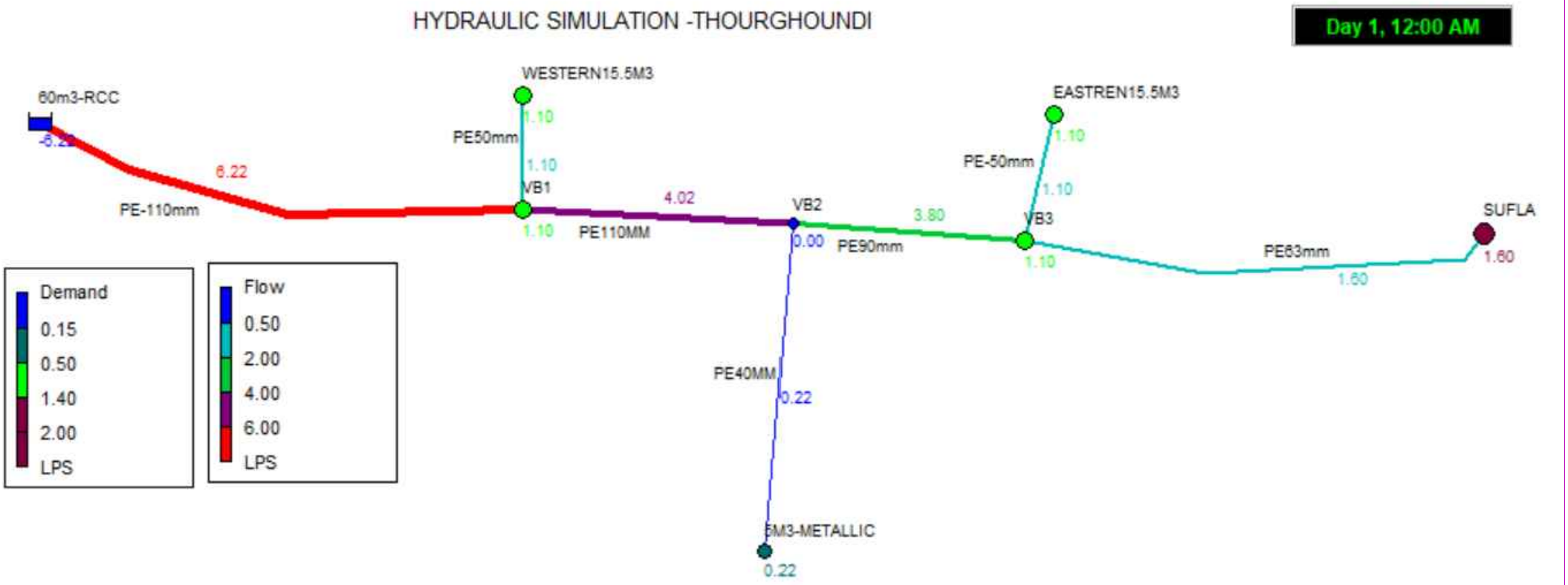
No	TASK AND RESPONSIBLE		DATE
1	SURVEYED BY:	ENG.EBRAHIMI	28-SEP-2019
2	DESIGNED BY:	HIKMAT ARIFZAI	10-DEC-2019
3	REVIEWED BY:	HIKMAT-ARIFZI	02-JAN-2020
4	APPORVED BY:	MARGOT DURIN	

CATHOLIC RELIEF SERVICES

2/18

PROVINCE	HERAT	SCALE	LINER SCALE	PROJECT	WASH-OFDA-II (EARLY RECOVERY)
DISTRICT	KUSHK RUBAT SANGI	START DATE	10-FEB-2020	PROJECT SUB TITLE	SOLAR POWERED-WATER SUPPLY SYSTEM
VILLAGE NAME	FOR VILLAVES IN TORGHOUNDI				
VILLAGE CODE		END DATE	30-JUNE-2020	DRAWING No.	EPANET. ELEVATION -LENGTH

HYDRAULIC SIMULATION -THOURGHOUNDI



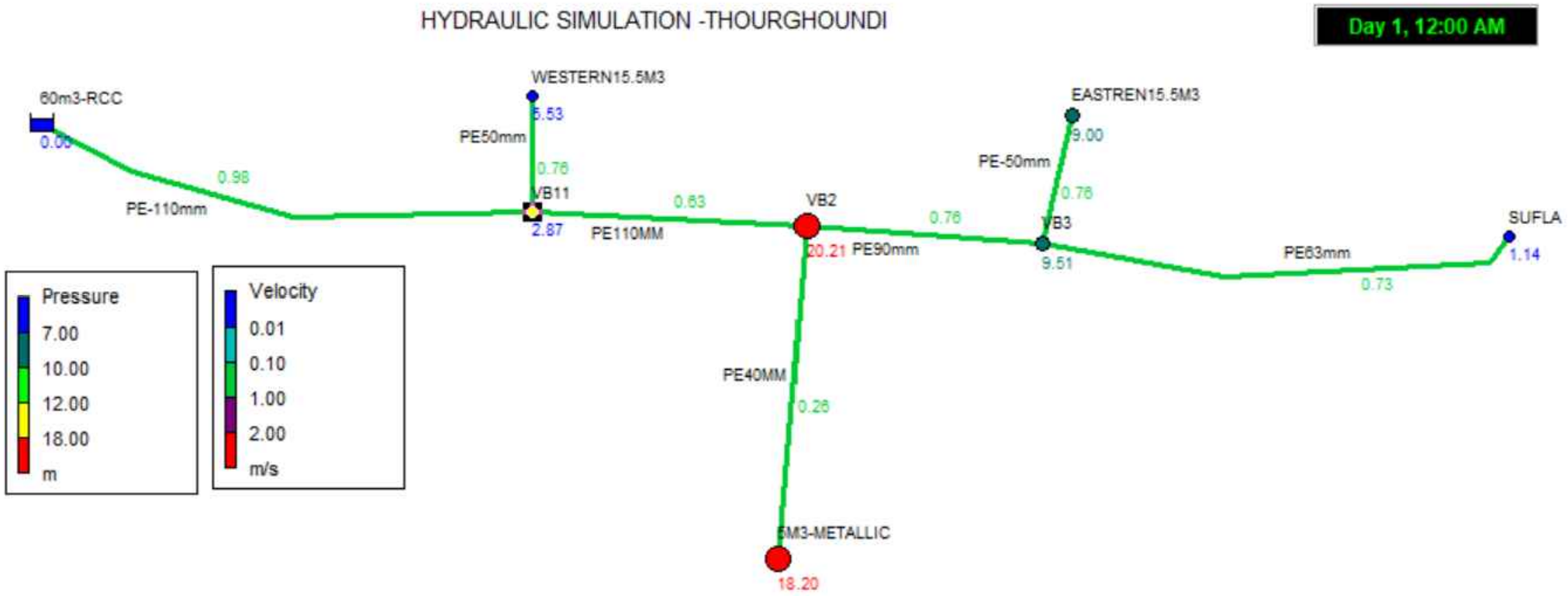
CATHOLIC RELIEF SERVICES

No	TASK AND RESPONSIBLE		DATE
1	SURVEYED BY:	ENG.EBRAHIMI	28-SEP-2019
2	DESIGNED BY:	HIKMAT ARIFZAI	10-DEC-2019
3	REVIEWED BY:	HIKMAT-ARIFZI	02-JAN-2020
4	APPORVED BY:	MARGOT DURIN	

3/18

PROVINCE	HERAT	SCALE	LINER SCALE	PROJECT	WASH-OFDA-II (EARLY RECOVERY)
DISTRICT	KUSHK RUBAT SANGI	START DATE	10-FEB-2020	PROJECT SUB TITLE	SOLAR POWERED-WATER SUPPLY SYSTEM
VILLAGE NAME	FOR VILLAVES IN TORGHOUNDI				
VILLAGE CODE		END DATE	30-JAN-2020	DRAWING No.	EPANET. FLOW -DEMAND

HYDRAULIC SIMULATION -THOURGHOUNDI



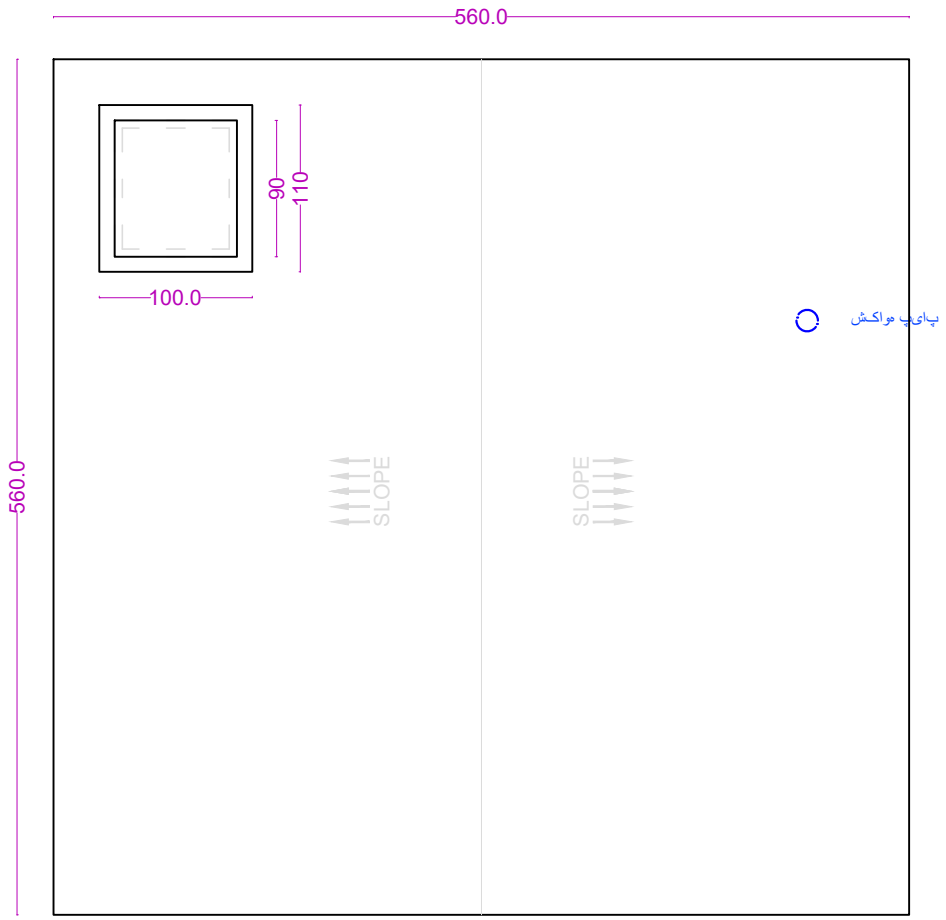
No	TASK AND RESPONSIBLE		DATE
1	SURVEYED BY:	ENG.EBRAHIMI	28-SEP-2019
2	DESIGNED BY:	HIKMAT ARIFZAI	10-DEC-2019
3	REVIEWED BY:	HIKMAT-ARIFZI	02-JAN-2020
4	APPORVED BY:	MARGOT DURIN	

CATHOLIC RELIEF SERVICES

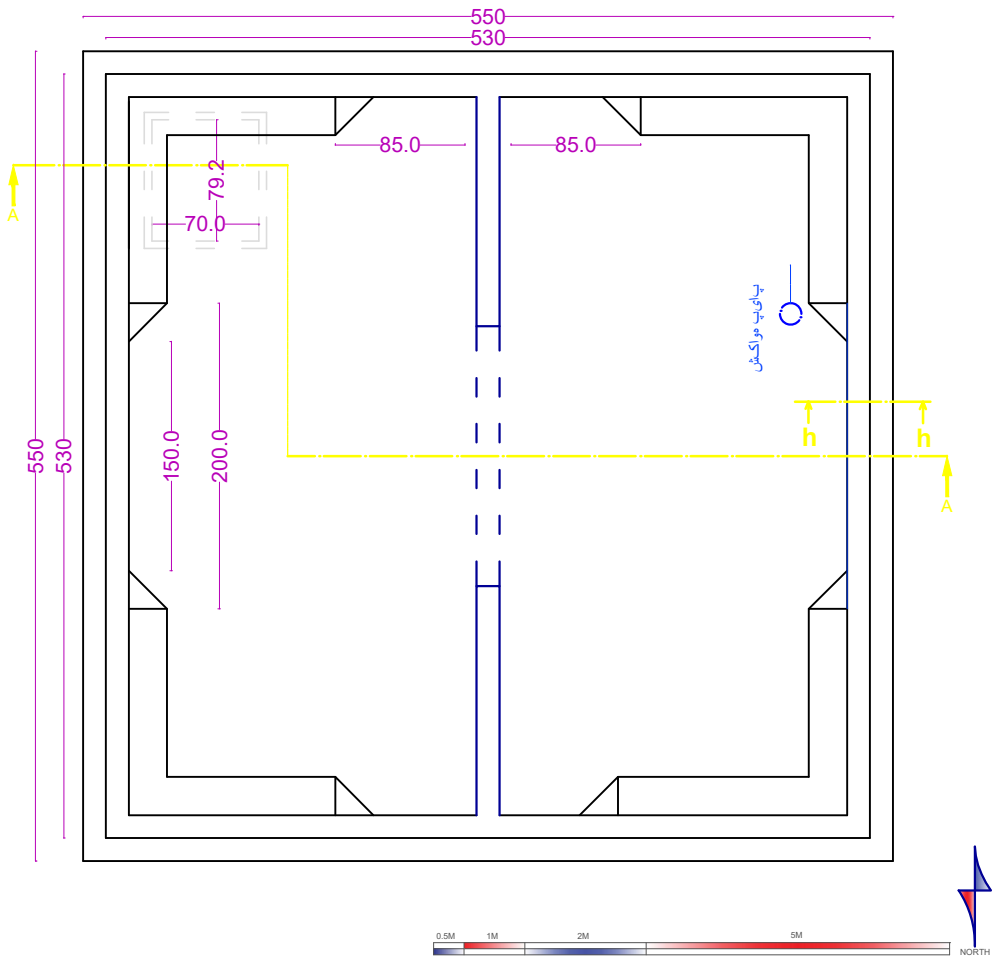
4/18

PROVINCE	HERAT	SCALE	LINER SCALE	PROJECT	WASH-OFDA-II (EARLY RECOVERY)
DISTRICT	KUSHK RUBAT SANGI	START DATE	10-FEB-2020	PROJECT SUB TITLE	SOLAR POWERED-WATER SUPPLY SYSTEM
VILLAGE NAME	FOR VILLAVES IN TORGHOUNDI				
VILLAGE CODE		END DATE	30-JAN-2020	DRAWING No.	EPANET. ELEVATION -LENGTH

SLAB-PLAN



PLAN FOR 60M3 RCC RESERVOIR



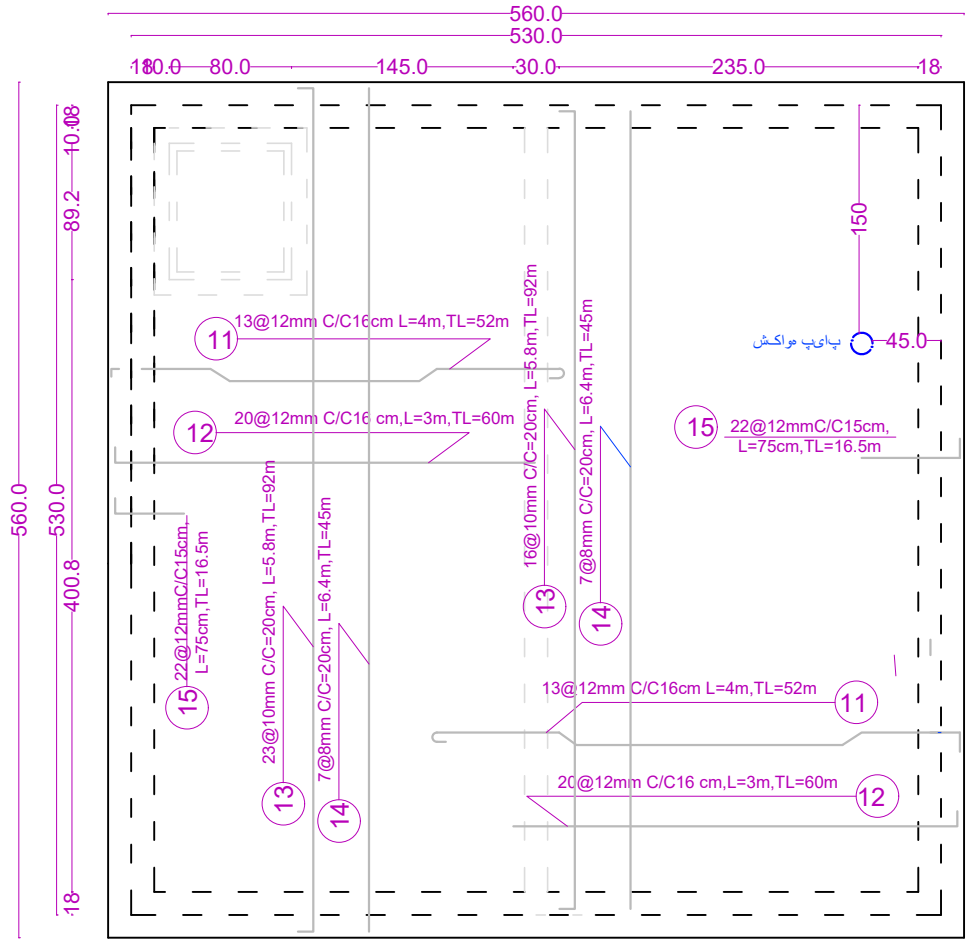
CATHOLIC RELIEF SERVICES

No	TASK AND RESPONSIBLE		DATE
1	SURVEYED BY:	ENG.EBRAHIMI	28-SEP-2019
2	DESIGNED BY:	HIKMAT ARIFZAI	10-DEC-2019
3	REVIEWED BY:	HIKMAT-ARIFZI	02-JANN-2020
4	APPORVED BY:	MARGOT DURIN	

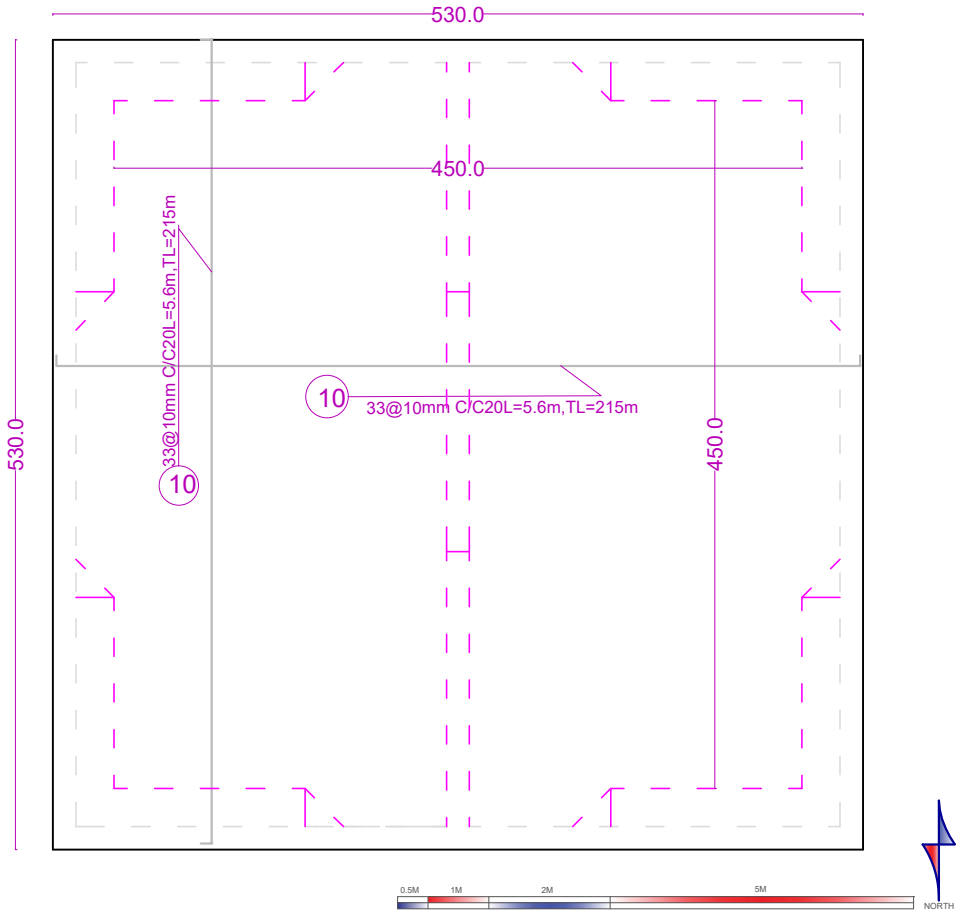
5/18

PROVINCE	HERAT	SCALE	LINER SCALE	PROJECT	WASH-OFDA-II (EARLY RECOVERY)
DISTRICT	KUSHK RUBAT SANGI	START DATE	10-FEB-2020	PROJECT SUB TITLE	SOLAR POWERED WATER SUPPLY SYSTEM
VILLAGE NAME	FOR VILLAVES IN TORGHOUNDI				
VILLAGE CODE		END DATE	30-JUNE-2020	DRAWING No.	60m3-RCC-Reservoir

STEEL BARS IN SLAB



STEEL BARS IN BED OF RESERVOIR

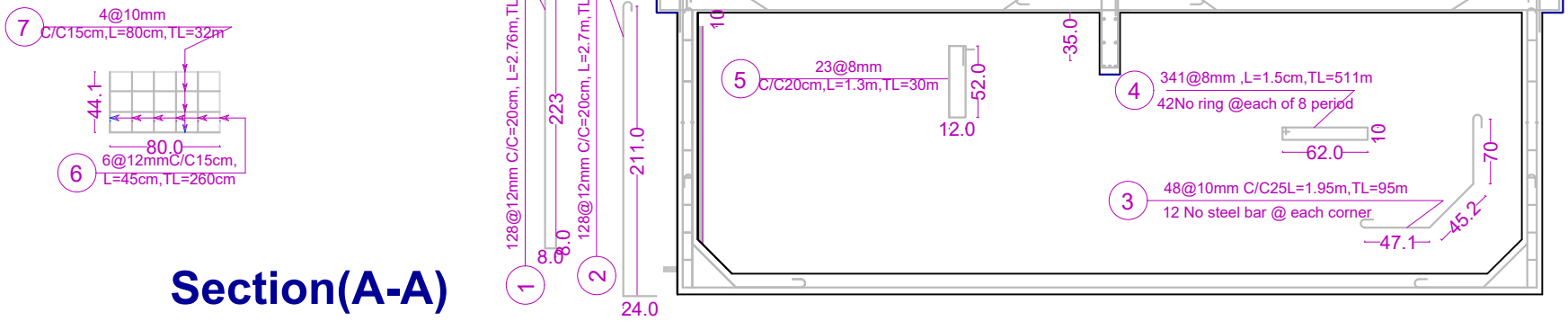


CATHOLIC RELIEF SERVICES

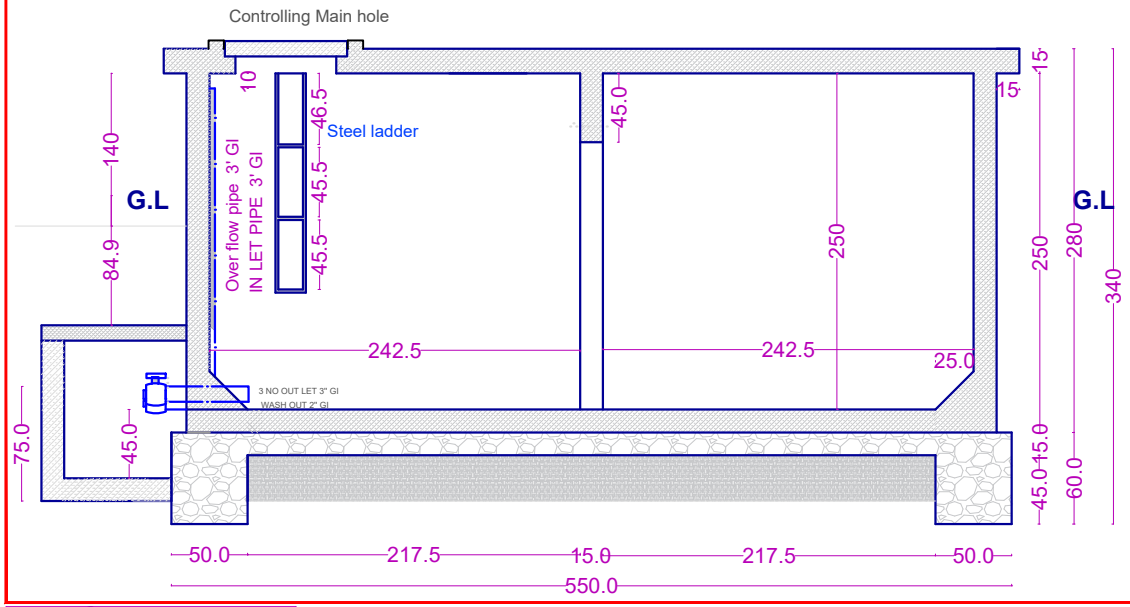
No	TASK AND RESPONSIBLE		DATE
1	SURVEYED BY:	ENG.EBRAHIMI	28-SEP-2019
2	DESIGNED BY:	HIKMAT ARIFZAI	10-DEC-2019
3	REVIEWED BY:	HIKMAT-ARIFZI	02-JAN-2020
4	APPORVED BY:	MARGOT DURIN	

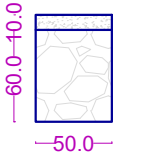
6/18

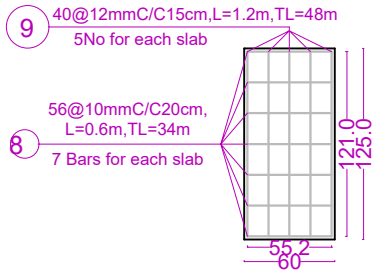
PROVINCE	HERAT	SCALE	LINER SCALE	PROJECT	WASH-OFDA-II (EARLY RECOVERY)
DISTRICT	KUSHK RUBAT SANGI	START DATE	10-FEB-2020	PROJECT SUB TITLE	SOLAR POWERED WATER SUPPLY SYSTEM
VILLAGE NAME	FOR VILLAVES IN TORGHOUNDI				
VILLAGE CODE		END DATE	30-JUNE-2020	DRAWING No.	60m3-RCC-Reservoir



Section(A-A)







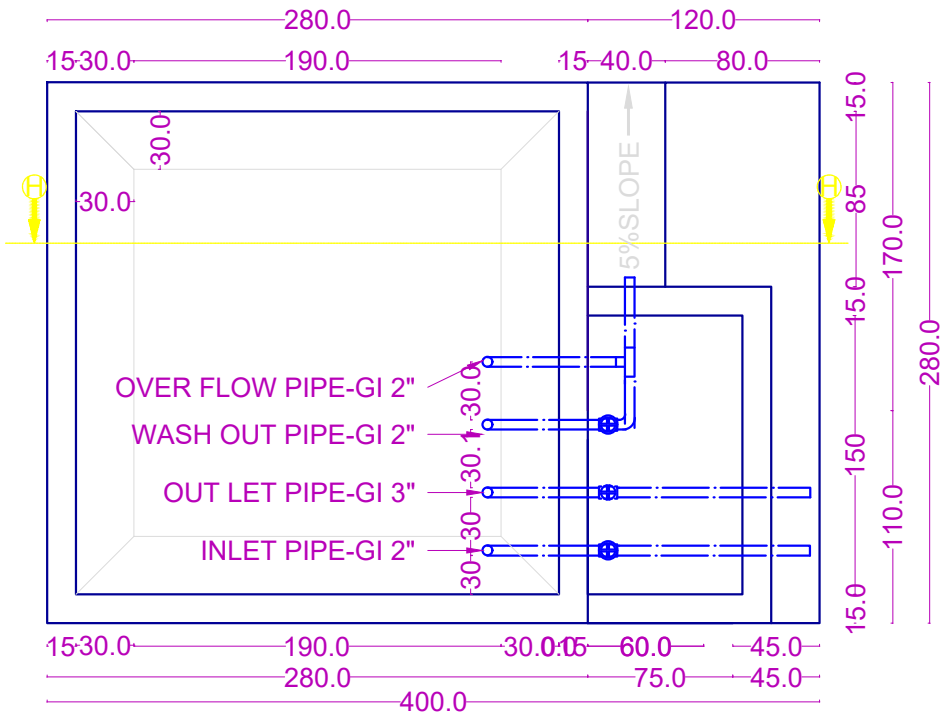
CRS
CATHOLIC RELIEF SERVICES

No	TASK AND RESPONSIBLE		DATE
1	SURVEYED BY:	ENG.EBRAHIMI	28-SEP-2019
2	DESIGNED BY:	HIKMAT ARIFZAI	10-DEC-2019
3	REVIEWED BY:	HIKMAT-ARIFZI	02-FEB-2020
4	APPORVED BY:	MARGOT DURIN	

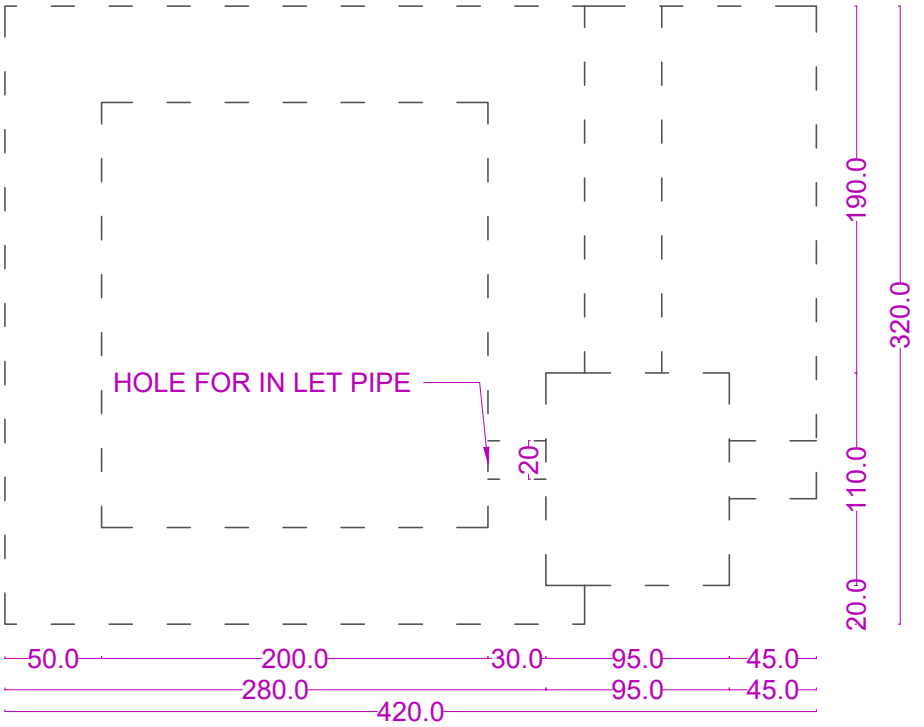
7/18

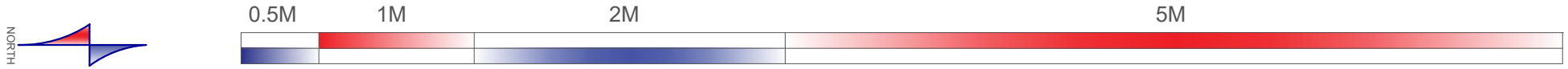
PROVINCE	HERAT	SCALE	LINER SCALE	PROJECT	WASH-OFDA-II (EARLY RECOVERY)
DISTRICT	KUSHK RUBAT SANGI	START DATE	10-FEB-2020	PROJECT SUB TITLE	SOLAR POWERED WATER SUPPLY SYSTEM
VILLAGE NAME	FOR VILLAVES IN TORGHOUNDI				
VILLAGE CODE		END DATE	30-JUNE-2020	DRAWING No.	60m3-RCC-Reservoir

PLAN FOR 15.5 M3-RCC WATER RESERVOIR



FOUNDATION PLAN FOR 15.5 M3-RCC WATER RESERVOIR



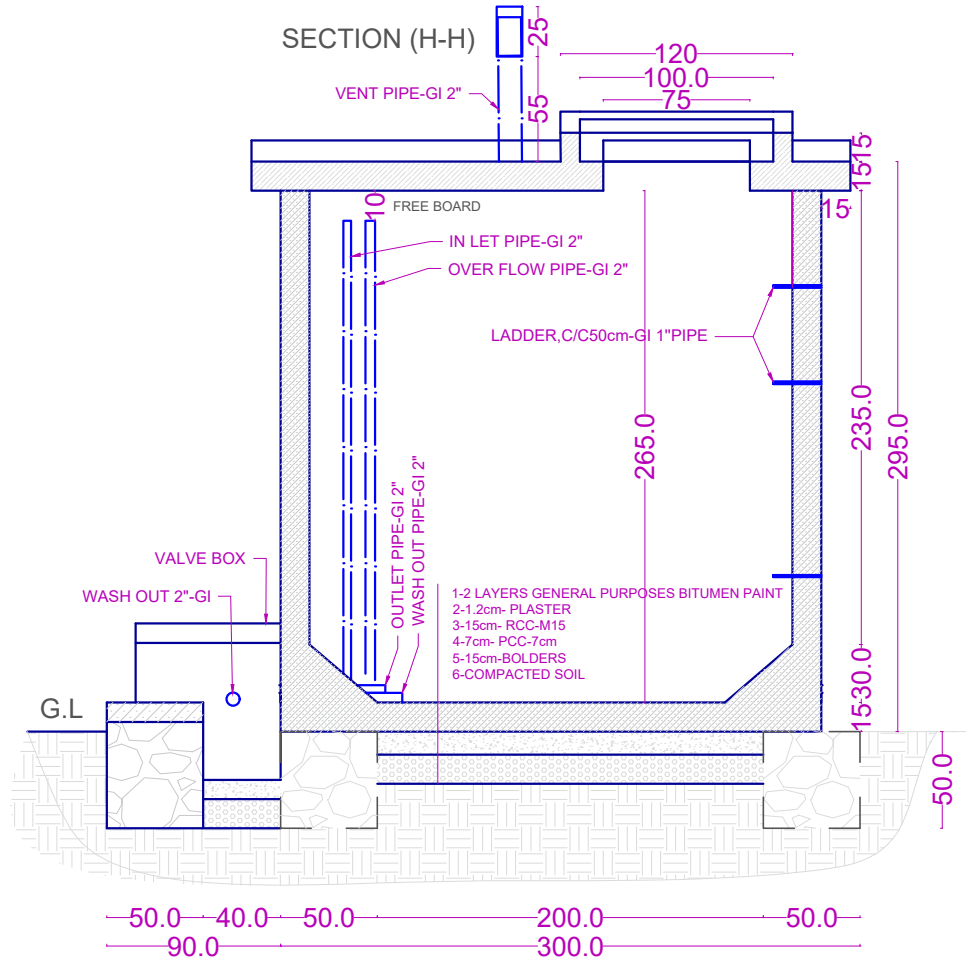


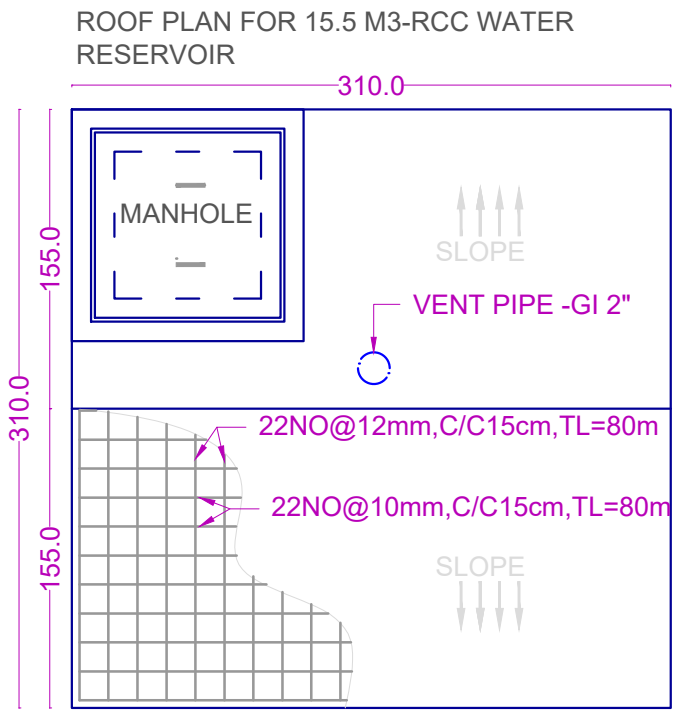
No	TASK AND RESPONSIBLE		DATE
1	SURVEYED BY:	ENG.ARIF	28-SEP-2019
2	DESIGNED BY:	HIKMAT ARIFZAI	10-DEC-2019
3	REVIEWED BY:	PIEER-MARIE	02-JAN-2020
4	APPORVED BY:	MARGOT DURIN	

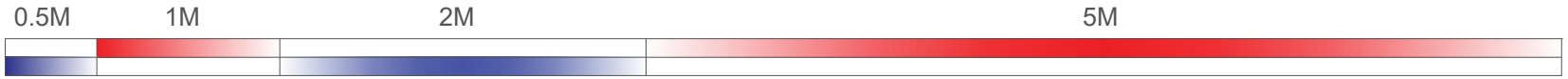
CATHOLIC RELIEF SERVICES

8/18

PROVINCE	HERAT	SCALE	LINER SCALE	PROJECT	WASH-SUPPOR FOR DROUGHT EFFECTED AFGHANS
DISTRICT	KUSHK RUBAT SANGI	START DATE	10-FEB-2020	PROJECT SUB TITLE	SOLAR POWERED WATER SUPPLY SYSTEM
VILLAGE NAME	FOUR VILLAGES IN TOURGHOUNDI				
VILLAGE CODE		END DATE	30-JUNE-202O	DRAWING No.	PLANS FOR 15.5M3 RCC WATER RESERVOIR





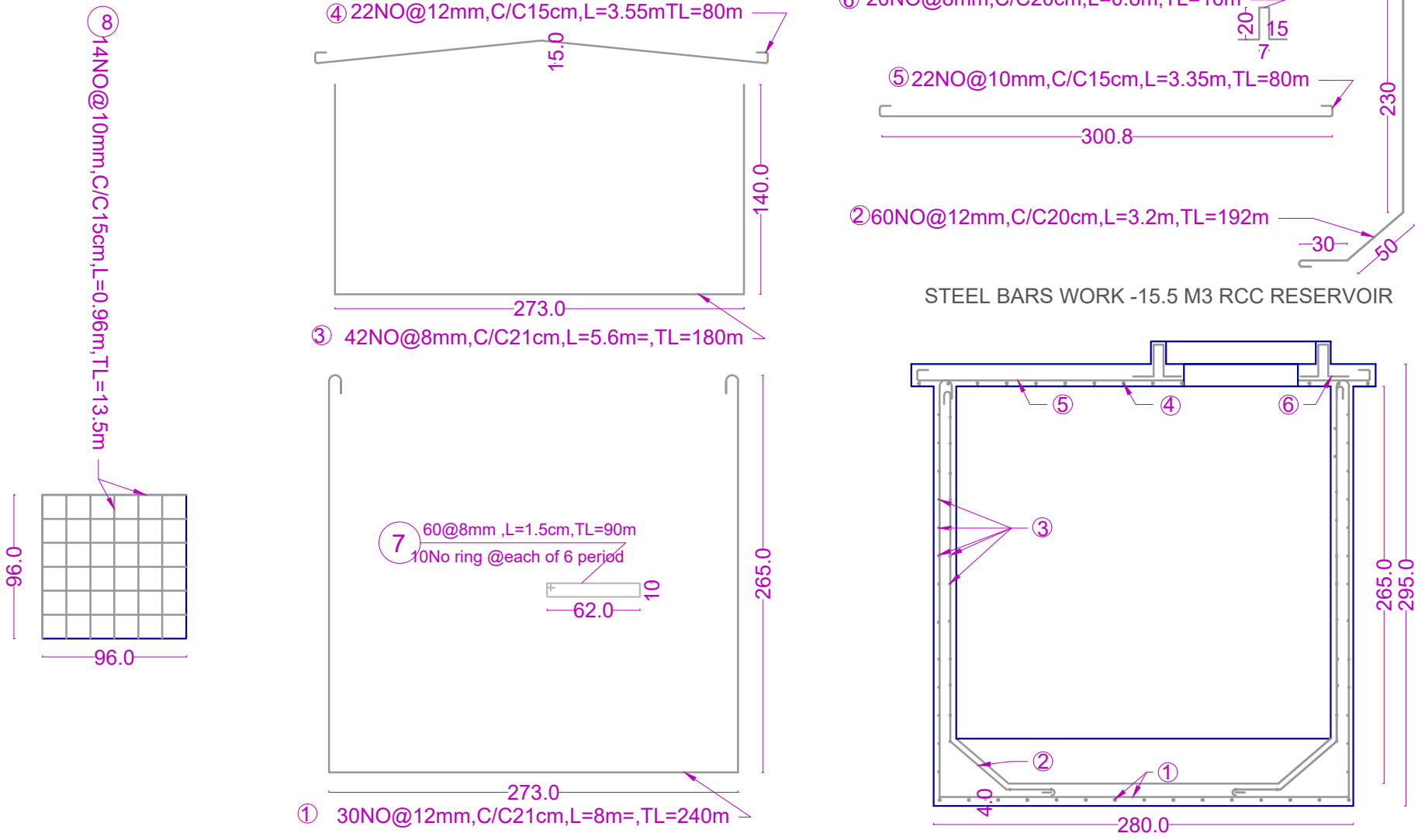


CATHOLIC RELIEF SERVICES

No	TASK AND RESPONSIBLE		DATE
1	SURVEYED BY:	ENG.ARIF	28-SEP-2019
2	DESIGNED BY:	HIKMAT ARIFZAI	10-DEC-2019
3	REVIEWED BY:	PIEER-MARIE	02-JAN-2020
4	APPORVED BY:	MARGOT DURIN	

9/18

PROVINCE	HERAT	SCALE	LINER SCALE	PROJECT	WASH-SUPPOR FOR DROUGHT EFFECTED AFGHANS
DISTRICT	KUSHK RUBAT SANGI	START DATE	10-FEB-2020	PROJECT SUB TITLE	SOLAR POWERED WATER SUPPLY SYSTEM
VILLAGE NAME	FOUR VILLAGES IN TOURGHOUNDI				
VILLAGE CODE		END DATE	30-JUNE-202O	DRAWING No.	SECTION FOR 15.5M3 RCC WATER RESERVOIR



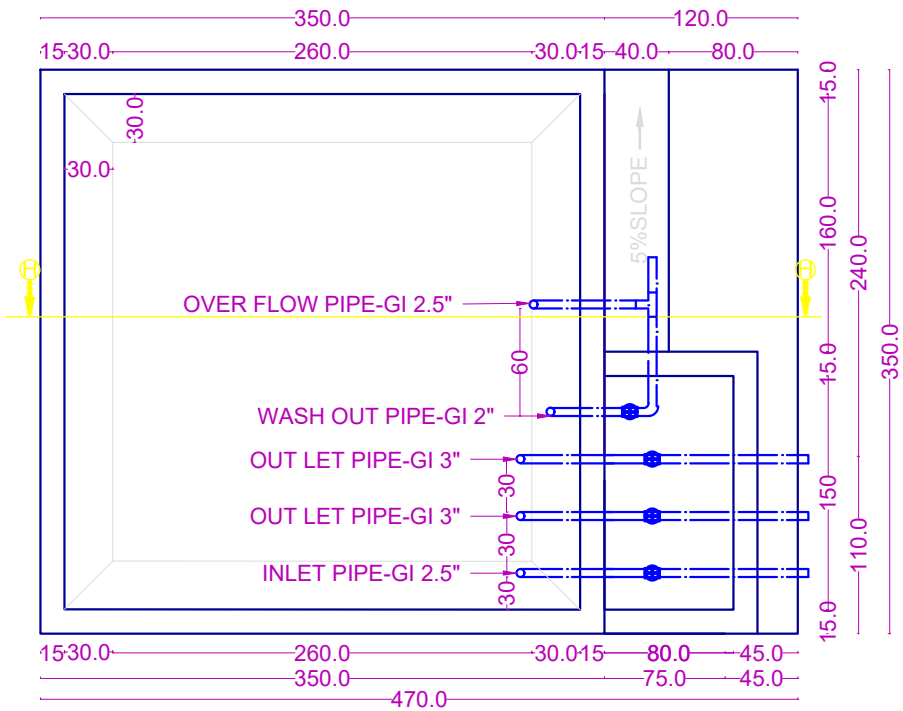
CATHOLIC RELIEF SERVICES

No	TASK AND RESPONSIBLE		DATE
1	SURVEYED BY:	ENG.ARIF	28-SEP-2019
2	DESIGNED BY:	HIKMAT ARIFZAI	10-DEC-2019
3	REVIEWED BY:	PIEER-MARIE	02-JAN-2020
4	APPORVED BY:	MARGOT DURIN	

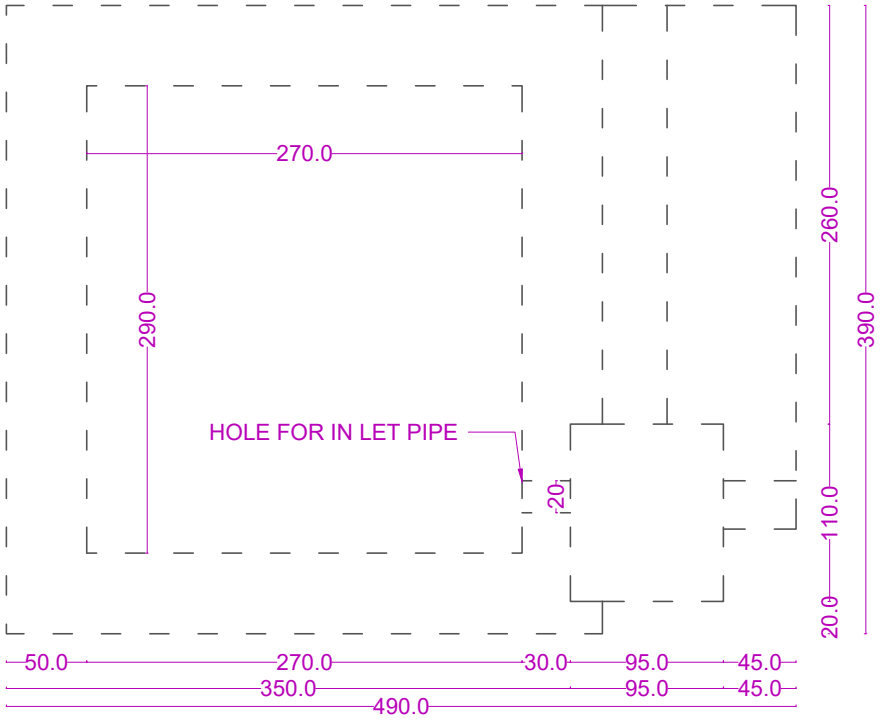
10/18

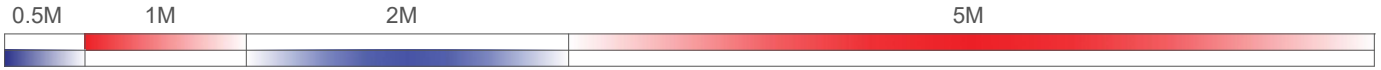
PROVINCE	HERAT	SCALE	LINER SCALE	PROJECT	WASH-SUPPOR FOR DROUGHT EFFECTED AFGHANS
DISTRICT	KUSHK RUBAT SANGI	START DATE	10-FEB-2020	PROJECT SUB TITLE	SOLAR POWERED WATER SUPPLY SYSTEM
VILLAGE NAME	FOUR VILLAGES IN TOURGHOUNDI				
VILLAGE CODE		END DATE	30-JUNE-202O	DRAWING No.	STELL BARS FOR 15.5M3 RCC WATER RESERVOIR

PLAN FOR 23M3-RCC WATER RESERVOIR



FOUNDATION PLAN FOR 23M3-RCC WATER RESERVOIR





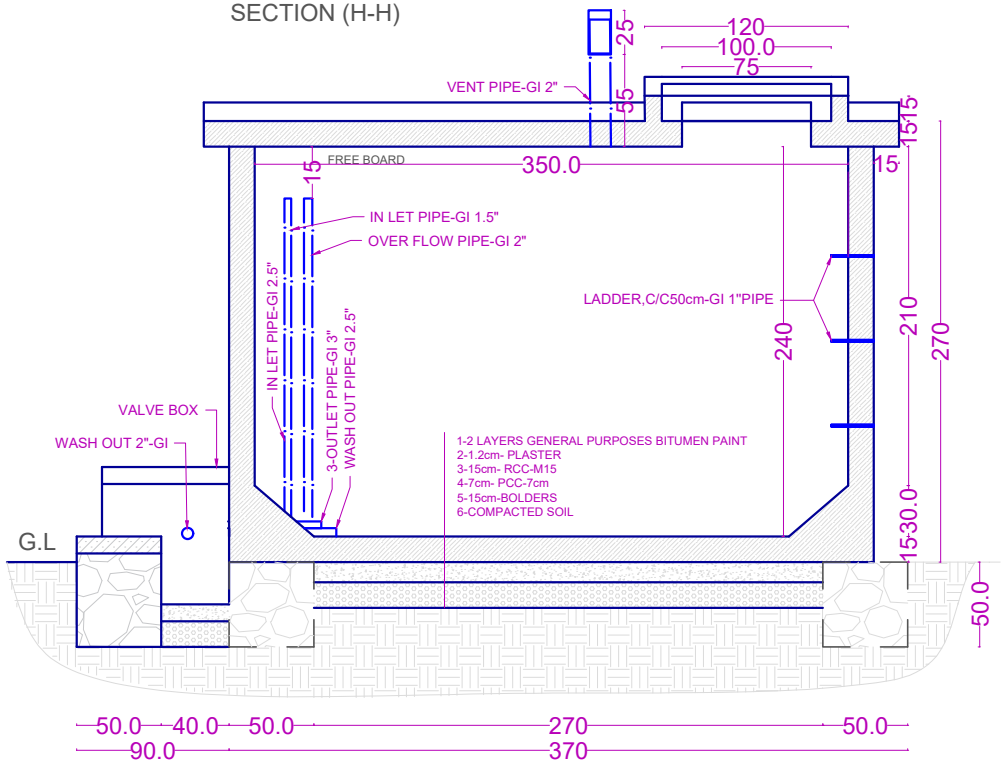
CATHOLIC RELIEF SERVICES

No	TASK AND RESPONSIBLE		DATE
1	SURVEYED BY:	ENG.EBRAHIMI	28-SEP-2019
2	DESIGNED BY:	HIKMAT ARIFZAI	10-DEC-2019
3	REVIEWED BY:	PIEER-MARIE	02-JAN-2020
4	APPORVED BY:	MARGOT DURIN	

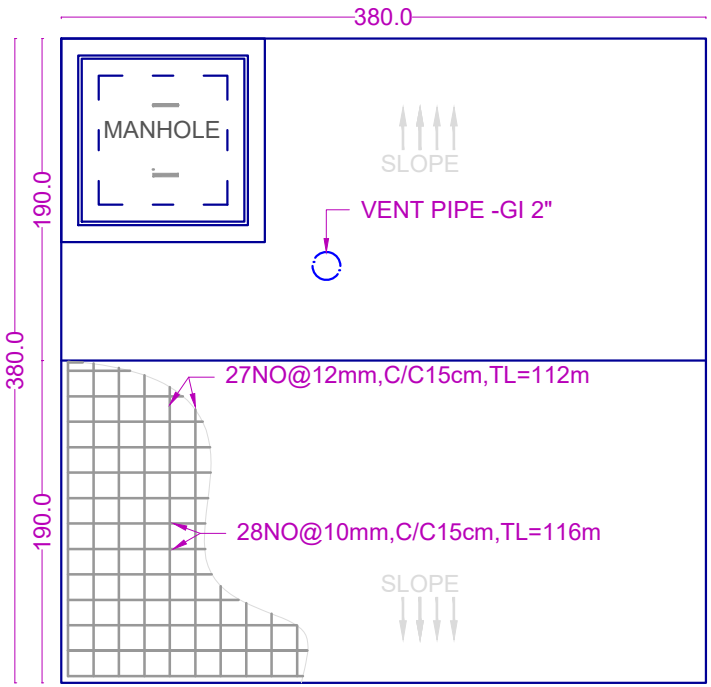
11/18

PROVINCE	HERAT	SCALE	LINER SCALE	PROJECT	WASH-SUPPOR FOR DROUGHT EFFECTED AFGHANS
DISTRICT	KUSHK RUBAT SANGI	START DATE	10-FEB-2020	PROJECT SUB TITLE	SOLAR POWERED WATER SUPPLY SYSTEM
VILLAGE NAME	FOUR VILLAGES IN THOURGOUNDI				
VILLAGE CODE		END DATE	30-JUNE-2020	DRAWING No.	PLANS FOR 23M3 RCC WATER RESERVOIR

SECTION (H-H)



ROOF PLAN FOR 23M3-RCC WATER RESERVOIR



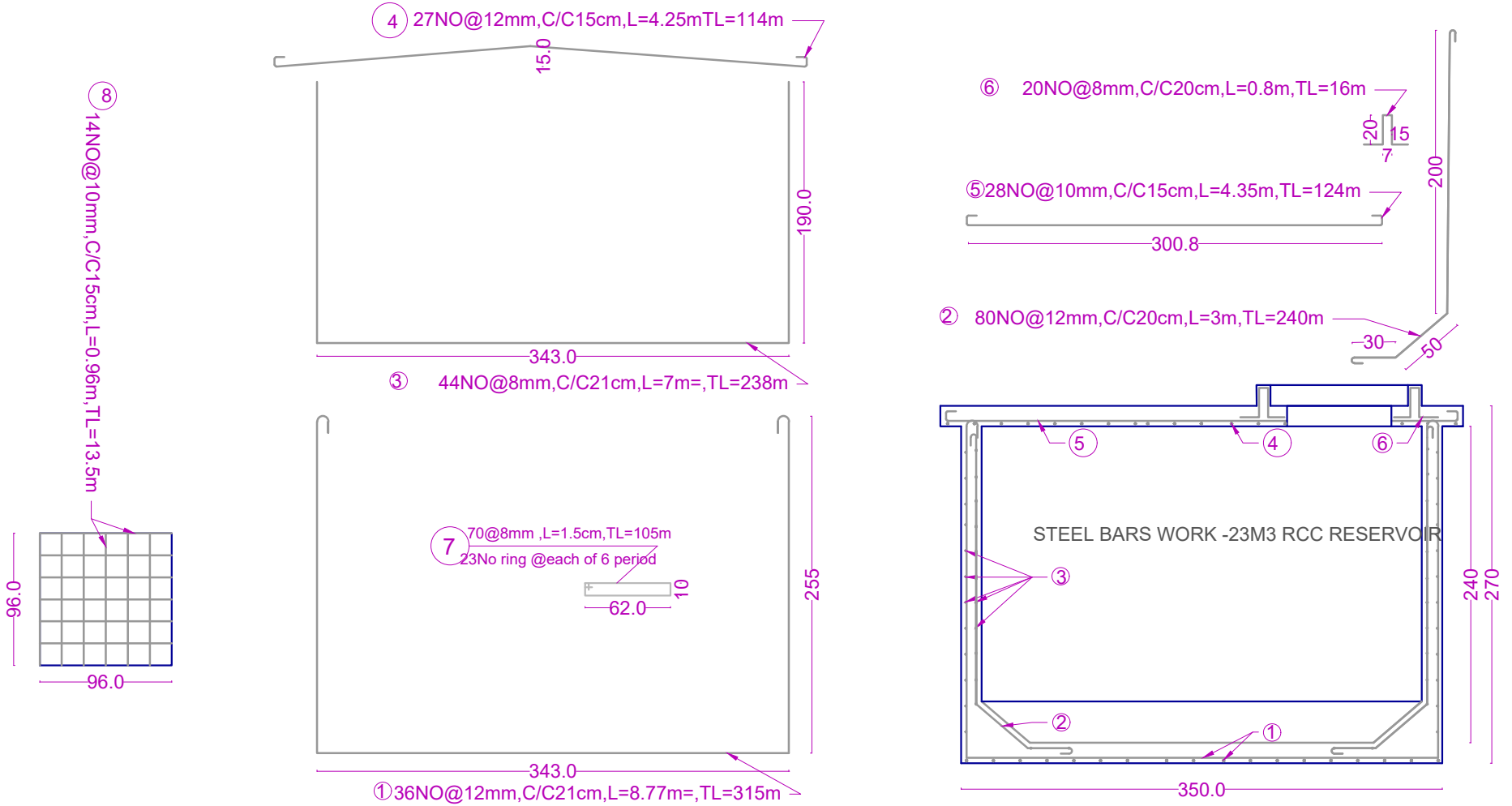
0.5M 1M 2M 5M

No	TASK AND RESPONSIBLE		DATE
1	SURVEYED BY:	ENG.EBRAHIMI	28-SEP-2019
2	DESIGNED BY:	HIKMAT ARIFZAI	10-DEC-2019
3	REVIEWED BY:	PIEER-MARIE	02-JAN-2020
4	APPORVED BY:	MARGOT DURIN	

CATHOLIC RELIEF SERVICES

12/18

PROVINCE	HERAT	SCALE	LINER SCALE	PROJECT	WASH-SUPPOR FOR DROUGHT EFFECTED AFGHANS
DISTRICT	KUSHK RUBAT SANGI	START DATE	10-FEB-2020	PROJECT SUB TITLE	SOLAR POWERED WATER SUPPLY SYSTEM
VILLAGE NAME	FOUR VILLAGES IN THOURGONDI				
VILLAGE CODE		END DATE	30-JUNE-20E0	DRAWING No.	PLANS FOR 23M3 RCC WATER RESERVOIR

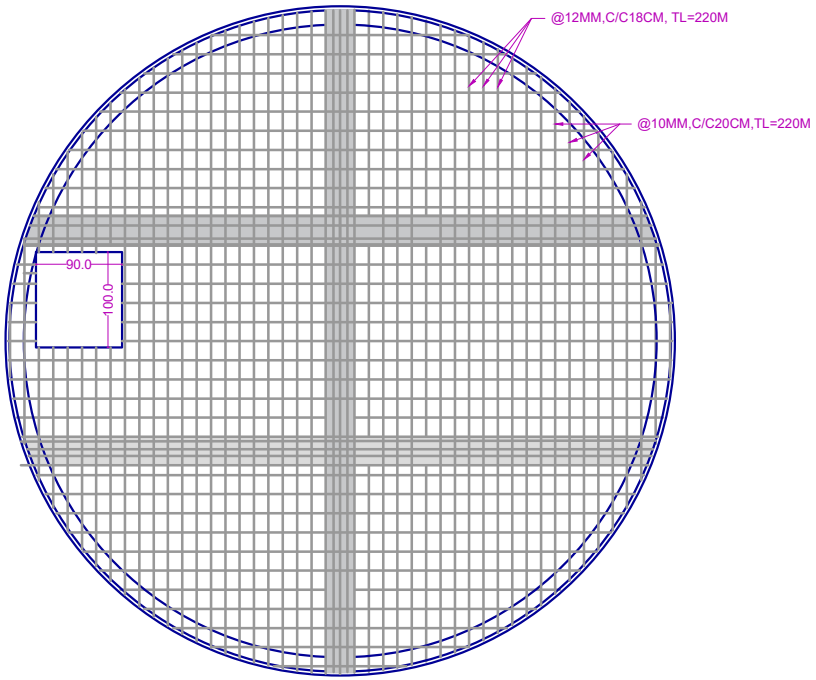


CATHOLIC RELIEF SERVICES

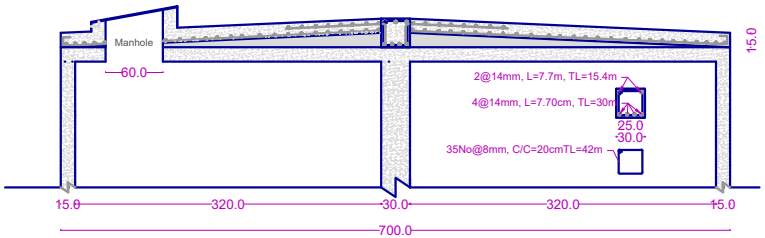
No	TASK AND RESPONSIBLE		DATE
1	SURVEYED BY:	ENG.EBRAHIMI	28-SEP-2019
2	DESIGNED BY:	HIKMAT ARIFZAI	10-DEC-2019
3	REVIEWED BY:	PIEER-MARIE	02-JAN-2020
4	APPORVED BY:	MARGOT DURIN	

13/18

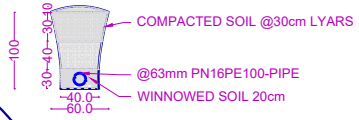
PROVINCE	HERAT	SCALE	LINER SCALE	PROJECT	WASH-SUPPOR FOR DROUGHT EFFECTED AFGHANS
DISTRICT	KUSHK RUBAT SANGI	START DATE	10-FEB-2020	PROJECT SUB TITLE	SOLAR POWERED WATER SUPPLY SYSTEM
VILLAGE NAME	FOUR VILLAGES IN THOURGONDI				
VILLAGE CODE		END DATE	30-JUNE-20E0	DRAWING No.	PLANS FOR 23M3 RCC WATER RESERVOIR



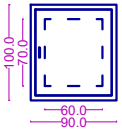
SECTION (A-A)



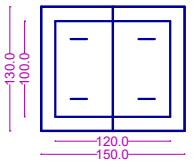
EXCAVATION SECTION FOR PIPE AND CABLE



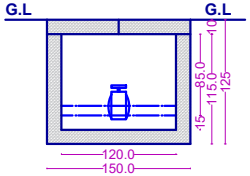
Manhole:
The frame is L-Sape 14 gauge Loren.
Covering plate is 4mm iron.
both frame and covering plate need to be painted
(one layer with rust proof and two layers of oil paint).

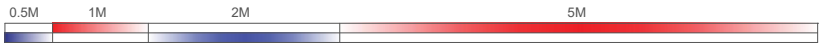


Plan for RCC valve boxes



@10mm, c/c 22cm, TL=150m





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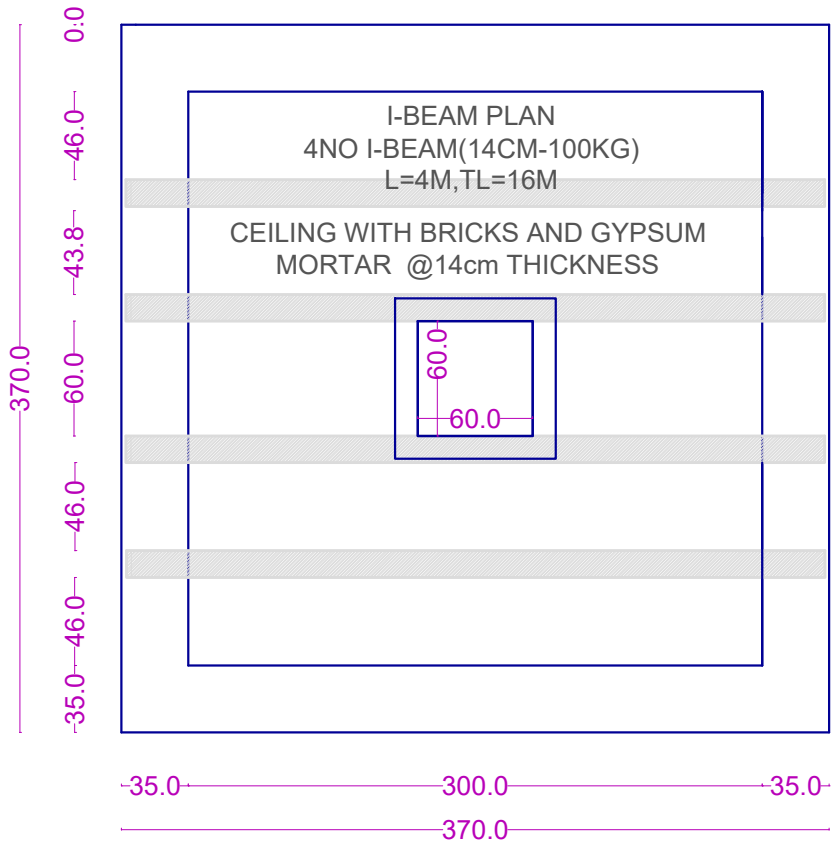
2	DESIGNED BY:	HIKMAT ARIFZAI	10-DEC-2019
3	REVIEWED BY:	PIERRE-MARI	02-JAN-2020
4	APPORVED BY:	MARGOT DURIN	

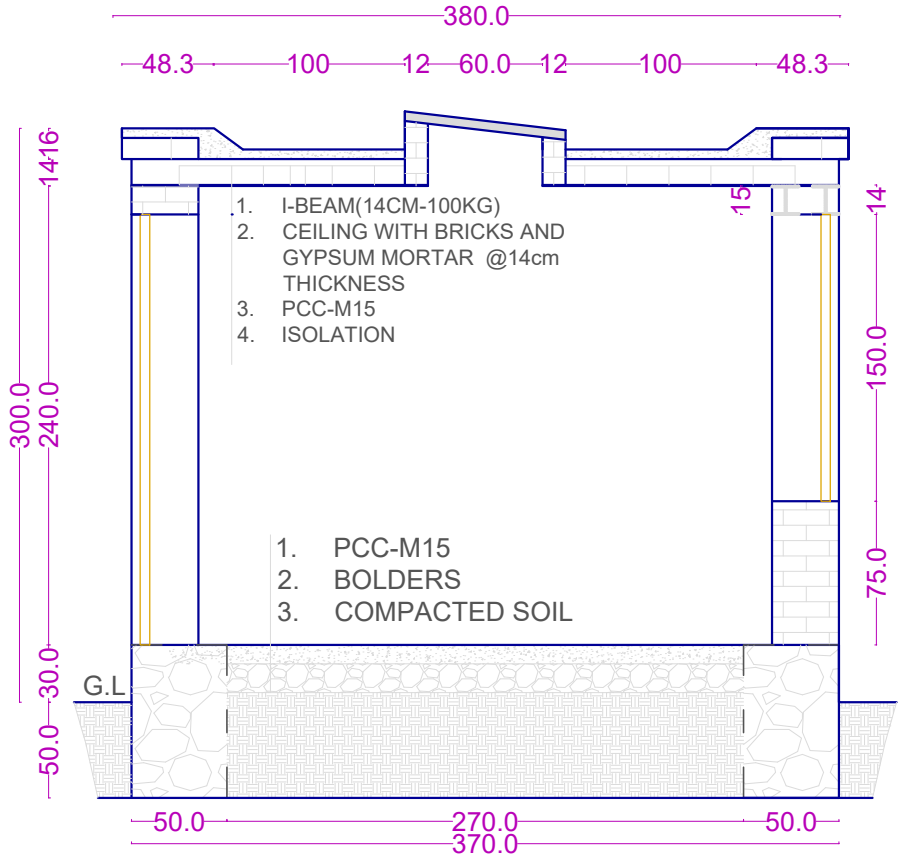
14/18

PROVINCE	HERAT	SCALE	LINER SCALE	PROJECT	WASH-SUPPOR FOR DROUGHT EFFECTED AFGHANS
DISTRICT	KUSHK RUBAT SANGI	START DATE	10-FEB-2020	PROJECT SUB TITLE	SOLAR POWERED WATER SUPPLY SYSTEM
VILLAGE NAME	FOUR VILLAGES IN TOURGHOUNDI				
VILLAGE CODE		END DATE	30-JUNE-2020	DRAWING No.	REHABILITATION OF COVERING SLAB

ROOF REHABILITATION PLAN



SECTION (A-A)



0.5M 1M 2M 5M

No	TASK AND RESPONSIBLE		DATE
1	SURVEYED BY:	ENG IBRAHIMI	28-SEP-2019
2	DESIGNED BY:	HIKMAT ARIFZAI	10-DEC-2019
3	REVIEWED BY:	HIKMAT ARIFZAI	02-JAN-2020
4	APPORVED BY:	MARGOT DURIN	

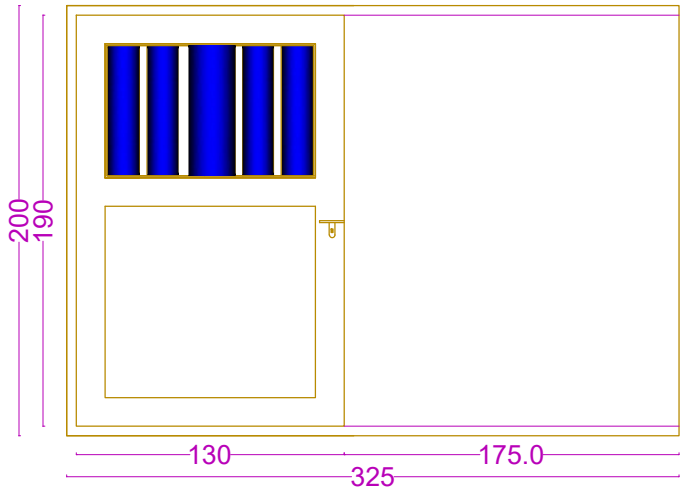
15/18

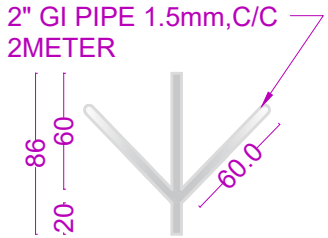
PROVINCE	HERAT	SCALE	LINER SCALE	PROJECT	WASH-SUPPOR FOR DROUGHT EFFECTED AFGHANS
DISTICT	KUSHK RUBAT SANGI	START DATE	10-FEB-2020	PROJECT SUB TITLE	SOLAR POWERED WATER SUPPLY SYSTEM
VILLAGE NAME	FOUR VILLAGES TOURGHOUNDI				
VILLAGE CODE		END DATE	30-JUNE-2020	DRAWING No.	STOCK ROOM-ROOF PLAN ,SECTION

CRS
CATHOLIC RELIEF SERVICES

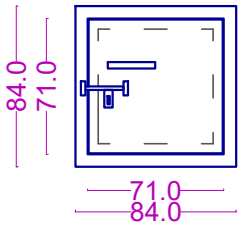
SLIDING DOOR

DOOR CASING -U-LARAN 16GUAGE
DOOR PANELS- 18GUAGE-IRON SHEET
DOOR RAIL -PROFILE (8x4)cm 16GUAGE
DOOR GLASS PANELS - 4mm BLUE COLOR GLASS
MANUAL LOCK AND LATCH SET AT BOTH SIDE
PRIOR TO INSTALLATION DOOR SHOULD BE PROPERLY PAINTED WITH (ONE LAYER OF RUST PROOF ,TWO LAYERS OF SILVER COLOR OIL PAINT).



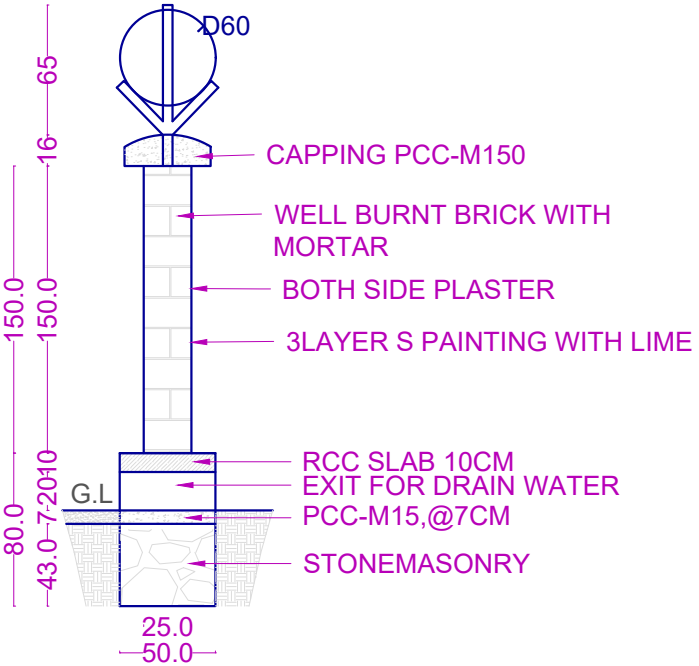


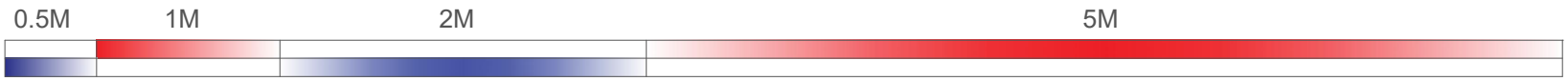
Manhole:
The frame is L-Sape 14 gauge Laran.
Covering plate is 4mm iron.
both frame and covering plate need to be painted (one layer with rust proof and two layers of oil paint).



SECTION (C-C)

1-HEAVY GALVANIZED CONCERTINA WIRE 2KG/BONDLE
2-SUPPORTED WITH 4 LINE DOUBLE WIRE BARBED WIRE>
3-FIXED AT SHAPE POE C/C 2METERS





CATHOLIC RELIEF SERVICES

No	TASK AND RESPONSIBLE		DATE
1	SURVEYED BY:	ENG IBRAHIMI	28-SEP-2019
2	DESIGNED BY:	HIKMAT ARIFZAI	10-DEC-2019
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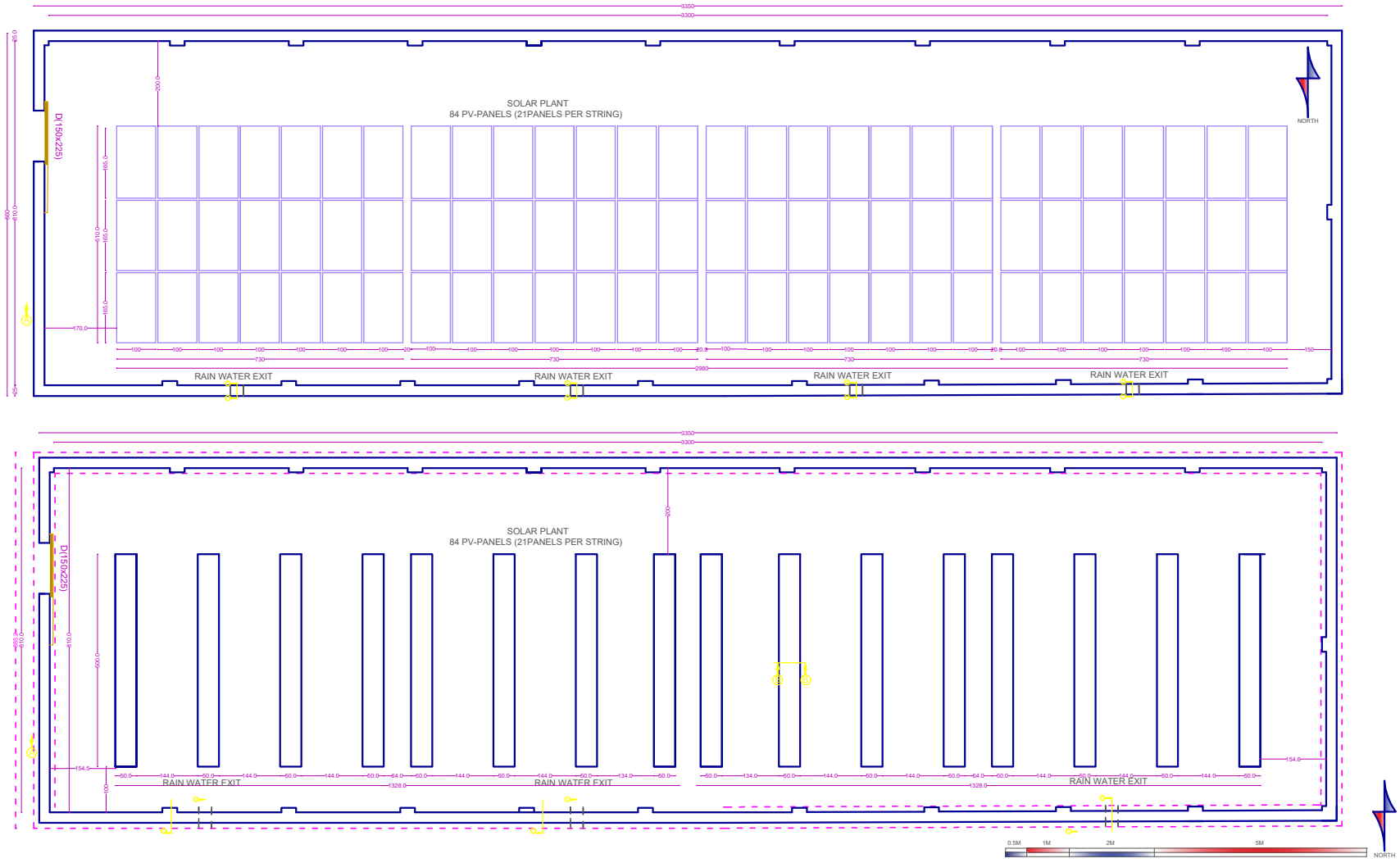
4	APPORVED BY:	MARGOT DURIN	

16/18

PROVINCE	HERAT	SCALE	LINER SCALE	PROJECT	WASH-SUPPOR FOR DROUGHT EFFECTED AFGHANS
DISTICT	KUSHK RUBAT SANGI	START DATE	10-FEB-2020	PROJECT SUB TITLE	SOLAR POWERED WATER SUPPLY SYSTEM
VILLAGE NAME	FOUR VILLAGES TOURGHOUNDI				
VILLAGE CODE		END DATE	30-JUNE-2020	DRAWING No.	SECTION AND DETAILS



CATHOLIC RELIEF SERVICES

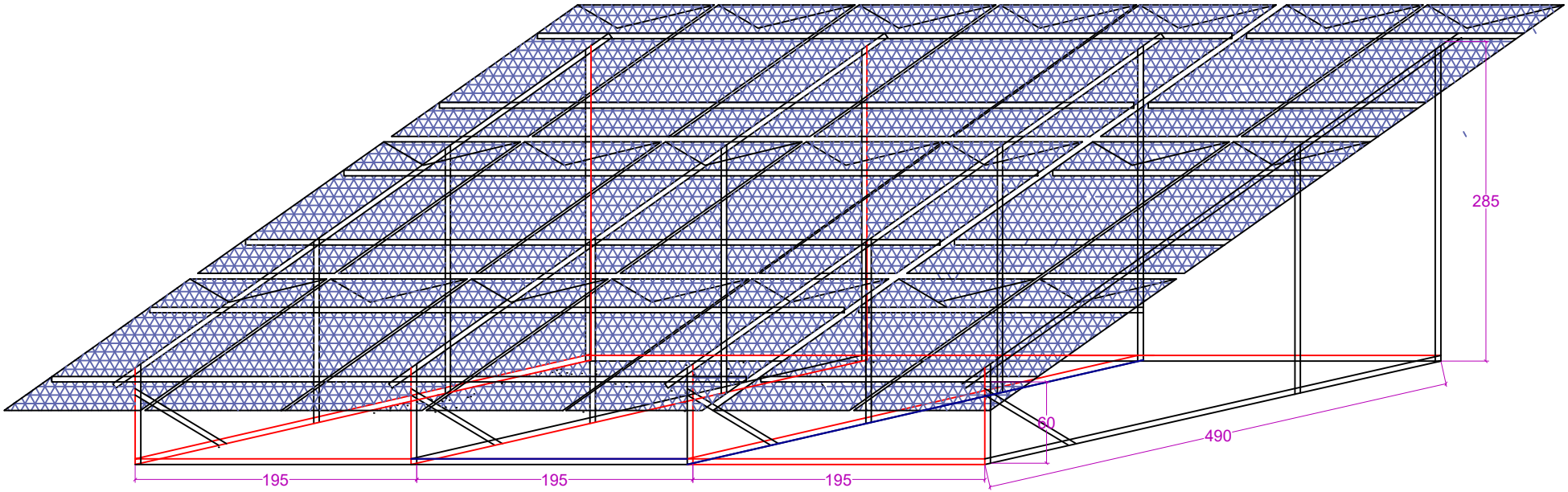
No	TASK AND RESPONSIBLE		DATE
1	SURVEYED BY:	ENG.EBRAHIMI	28-SEP-2019
2	DESIGNED BY:	HIKMAT ARIFZAI	10-DEC-2019
3	REVIEWED BY:	HIKMAT-ARIFZI	02-JAN-2020
4	APPORVED BY:	MARGOT DURIN	

17/18

PROVINCE	HERAT	SCALE	LINER SCALE	PROJECT	WASH-OFDA-II (EARLY RECOVERY)
DISTRICT	KUSHK RUBAT SANGI	START DATE	10-FFB-2020	PROJECT SUB TITLE	SOLAR POWERED WATER SUPPLY SYSTEM
VILLAGE NAME	FOR VILLAVES IN TORGHOUNDI				
VILLAGE CODE		END DATE	30-JUNE-2020	DRAWING No.	SOLAR PLANT

MEMBERS OF STAND:

1- GABLE POST SHOULD TO BE SQUARE SECTION (80x80x4)mm.
2- PRINCIPLE RAFTER SHOULD TO BE RECTANGULAR SECTION (80x40x3)mm.
3- PURLIN SHOULD TO BE L-SHAPE LAREN (40x40x3)mm.
4- GABLE POSTS ARE WELDED ON SUPPORTING PLATES (200x200x4)mm.
5- SUPPORTING PLATES ARE FIXED IN RCC COLUMNS BY FOUR STIRRUPS (STEEL BARS @12MM).
6-PAINTED WITH ONE LAYER RUST PROOF.
7- FINALLY PAINTED WITH TWO LAYER SILVER COLOR OIL PAINT

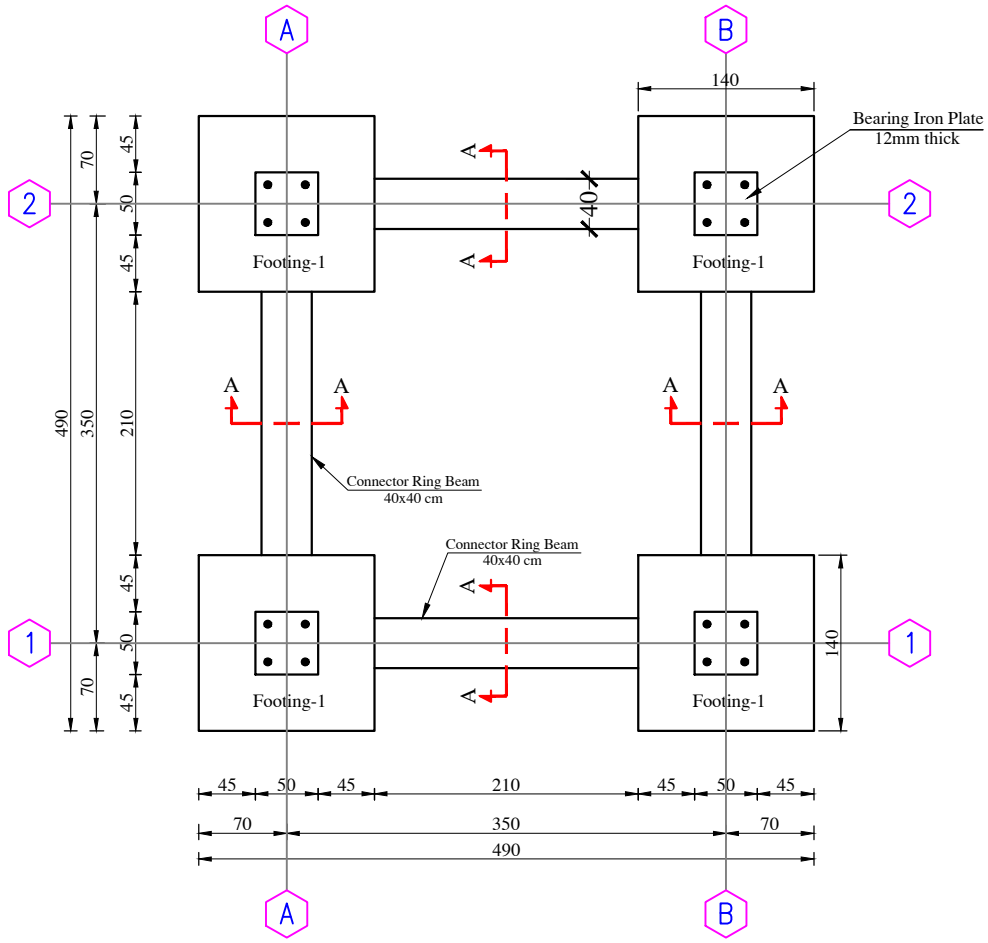


CATHOLIC RELIEF SERVICES

No	TASK AND RESPONSIBLE		DATE
1	SURVEYED BY:	ENG.EBRAHIMI	28-SEP-2019
2	DESIGNED BY:	HIKMAT ARIFZAI	10-DEC-2019
3	REVIEWED BY:	PIERRE-MARI	02-DEC-2020
4	APPORVED BY:	MARGOT DURIN	

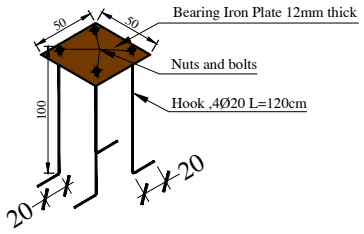
18/18

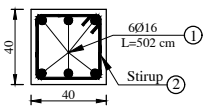
PROVINCE	HERAT	SCALE	LINER SCALE	PROJECT	WASH-SUPPOR FOR DROUGHT EFFECTED AFGHANS
DISTRICT	KUSHK RUBAT SANG	START DATE	10-FEB-2020	PROJECT SUB TITLE	SOLAR POWERED WATER SUPPLY SYSTEM
VILLAGE NAME	FOUR VILLAGES TOURGHOUNDI				
VILLAGE CODE		END DATE	30-JUNE-2020	DRAWING No.	STAND FOR PV-PANELS



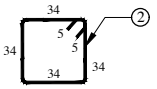
FOUNDATION PLAN FOR ELEVATED WATER TANK

Bearing Iron Plate

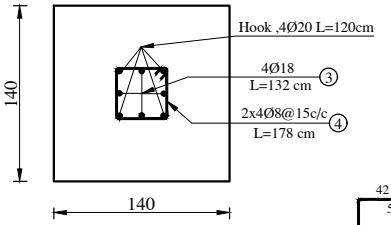




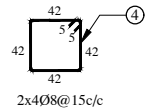
Section A-A



4x25Ø8@15 c/c L=146cm



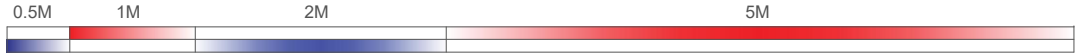
Section D-D



2x4Ø8@15c/c

Note:

1- All dimensions are in cm unless otherwise stated.
2- All PCC works should be with 1:2:4 mortar unless otherwise stated.
3- All RCC works should be with 1:1.5:3 mortar unless otherwise stated.
4- Stone masonry must be worked with 1:4 mortar unless otherwise stated.
5- Curing must be continued up to 28 days.
6- Clear and Clean water must be used every where.
7- All parts of elevated tank should be painted by three coats with oil painting.
8- Water tank and pipes should be insulated with glass wool insulation and finally coated with 24 gauge iron sheet.



CRS
CATHOLIC RELIEF SERVICES

No	TASK AND RESPONSIBLE		DATE
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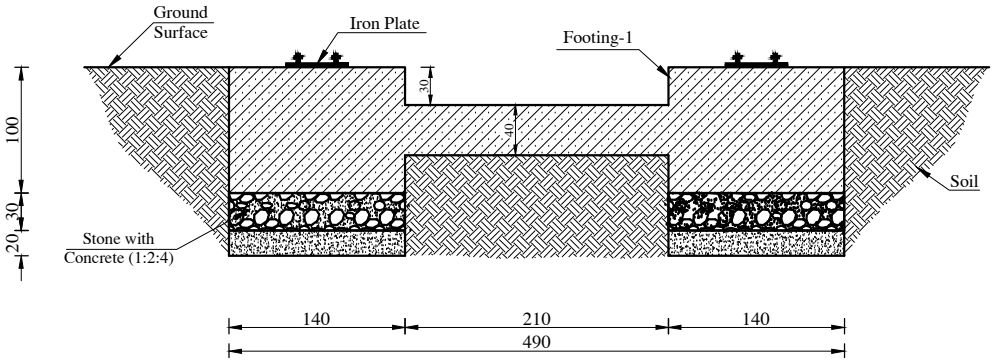
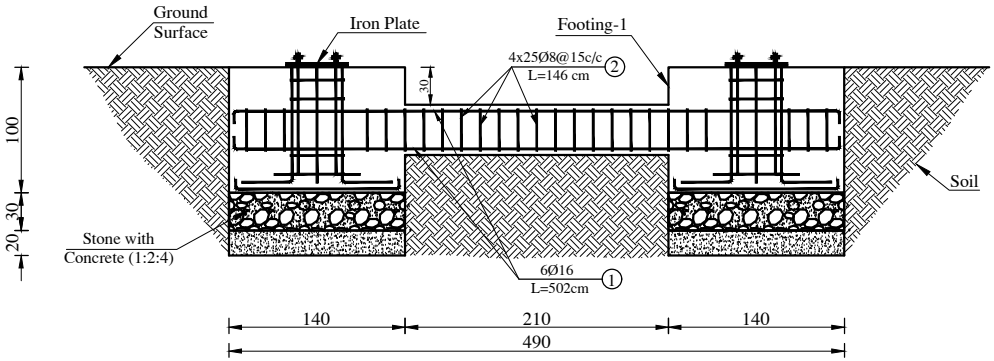
3	REVIEWED BY:	HIKMAT-ARIFZI	02-JAN-2020
4	APPORVED BY:	MARGOT DURIN	

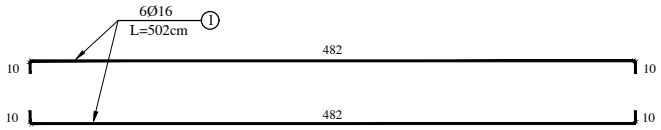
19

PROVINCE	HERAT	SCALE	LINER SCALE	PROJECT	WASH-OFDA-II (EARLY RECOVERY)
DISTRICT	KUSHK RUBAT SANGI	START DATE	10-FFB-2020	PROJECT SUB TITLE	SOLAR POWERED WATER SUPPLY SYSTEM
VILLAGE NAME	FOR VILLAVES IN TORGHOUNDI				
VILLAGE CODE		END DATE	30-JUNE-2020	DRAWING No.	Relocation of existed water metallic reservoir

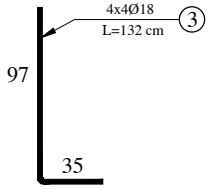


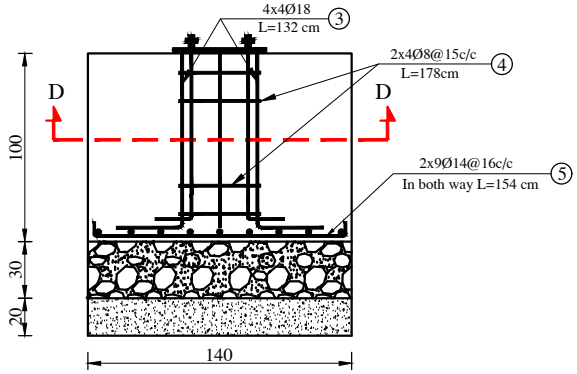
Section C-C

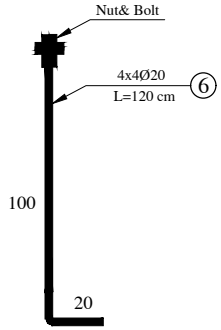


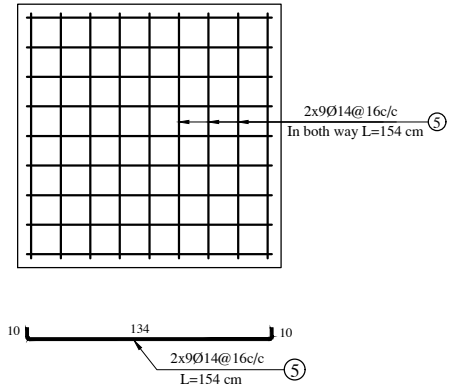


Section C-C

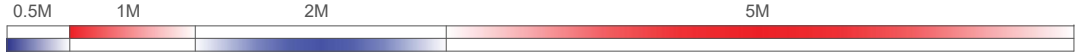








Footing-1



CRS
CATHOLIC RELIEF SERVICES

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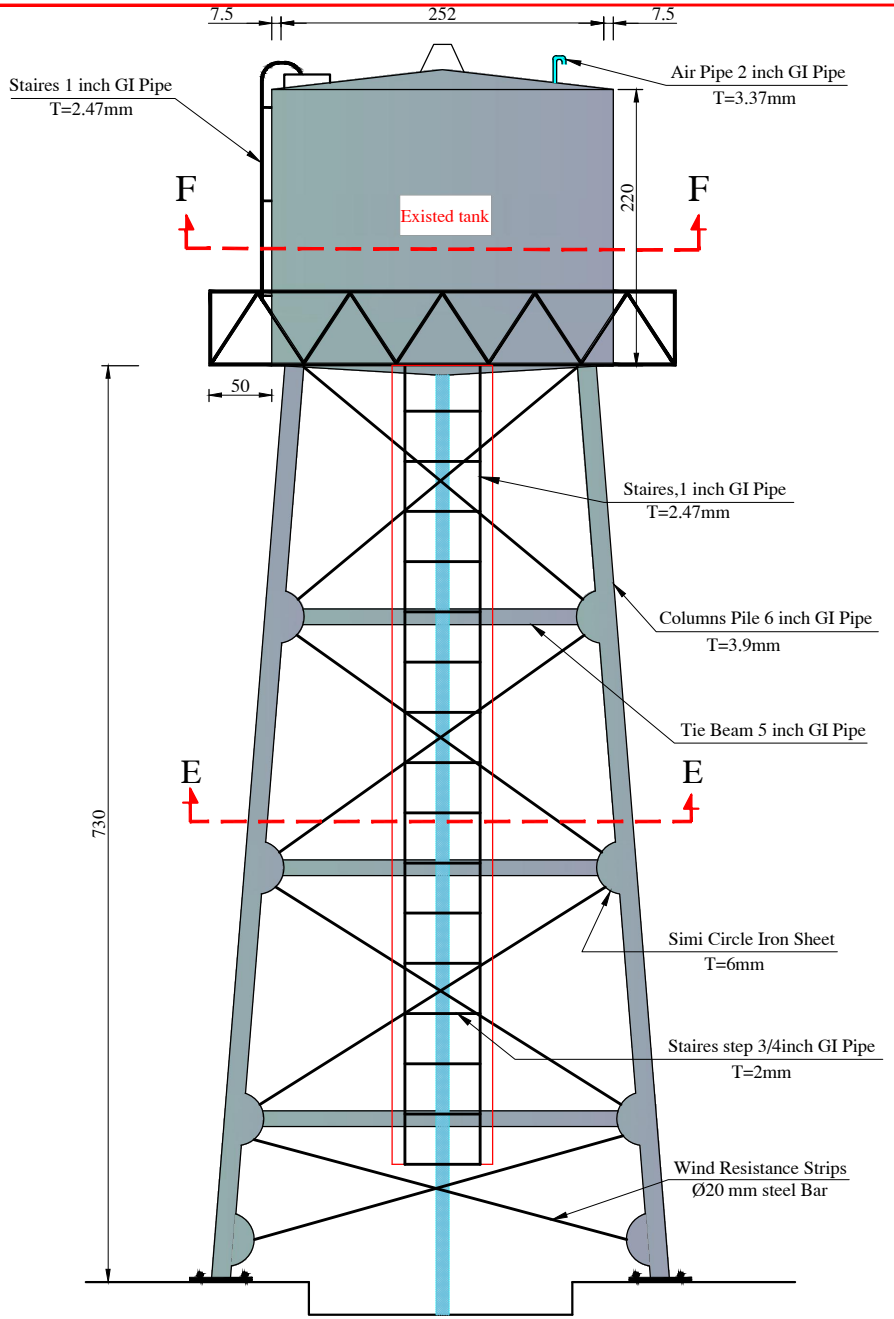
4	APPORVED BY:	MARGOT DURIN	

20

PROVINCE	HERAT	SCALE	LINER SCALE	PROJECT	WASH-OFDA-II (EARLY RECOVERY)
DISTRICT	KUSHK RUBAT SANGI	START DATE	10-FFB-2020	PROJECT SUB TITLE	SOLAR POWERED WATER SUPPLY SYSTEM
VILLAGE NAME	FOR VILLAVES IN TORGHOUNDI				
VILLAGE CODE		END DATE	30-JUNE-2020	DRAWING No.	Relocation of existed water metallic reservoir



Elevated Steel Water Tank Needed Specification

1. Contractor should remove the existed elevated water tank from Thourghoundi Uila village, transfer it for 3km distance and relocated it in Eastern Thourghoundi.
2. Metallic tank should be carefully handled and re-checked for any type of leakage prior to the installation.
3. Height of Water Tank Should be **7.3m** from Top of Foundation Level to Bottom Level of Water Tank.

In case of any changes below specification should be applied thoroughly.

4. The Tank Tower Column or Pile should be from Russian Made Pipe (**6 inch**) Diameter.
5. The Tie Beams or Belt of Tank Column should be from Russian Pipe (**4 inch**) Diameter.
6. Wind Resistance Strip of Water Tank Tower should be from Russian Made **20mm** Steel Bar.
7. Earth Quick Resistance Circle for WaterTankTower should be from Steel **6mm**.
8. Simi Circle for Strength and Protection of Water Tank Tower should be from Steel Iron (**6mm**).
9. Safety Hand real all around of WaterTankTower from pipe (**2 inch**), Steel Bar (**14-16**) mm and Angle Iron of **2 inch**.
10. Stair from Ground to Safety Hand Real should be from Steel Bar GI Pipe (**1 inch** and Stair Steps GI pipe (**3/4 inch**).
11. Stair to Inside of Water Tank should be (**1 inch**).
12. Water Tank should be welded inside and outside carefully.
13. Manhole and Manhole Cover of Water Tank should be safely built.
14. Painting of Inside and Outside with Anti Corrosive and Anti Stain Paint.
15. Outlet Pipe should be used (2 **inch**) Diameter.
16. Inlet Pipe and Over Flow should be from (**2 inch**) Diameter.
17. Air Pipe should be installed on the Top of Water Tank.
18. Transportation of Complete Set of Water Tank to the mentioned Field Area.
19. Construction of Complete RCC Foundation with all needed and Responsibility and using of Mould.
20. Installation or Setting of Elevated Water Tank in the Field.
21. Needed Drawing Documents of Elevated Water Tank.

Drawing and Design of Elevated Water Tank RCC Foundation and all needed Specification after Contract Agreement Documents.

CATHOLIC RELIEF SERVICES

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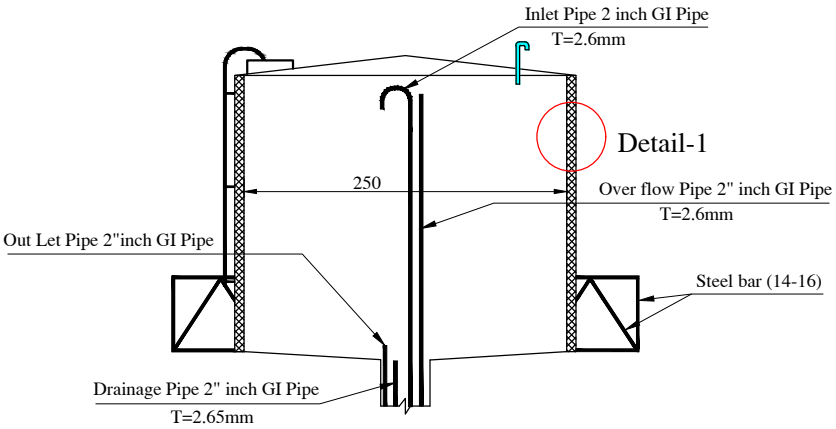
3	REVIEWED BY:	HIKMAT-ARIFZI	02-JAN-2020
4	APPORVED BY:	MARGOT DURIN	

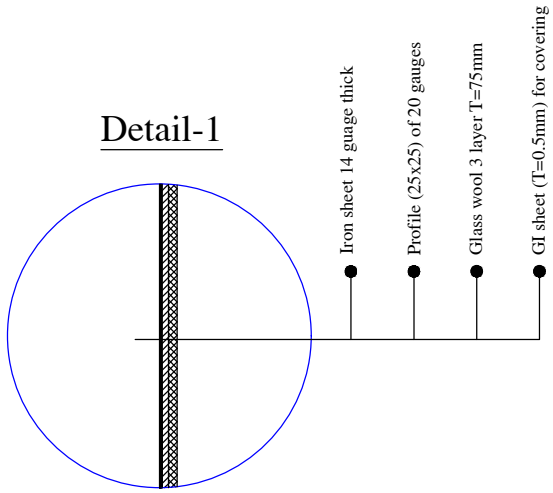
21

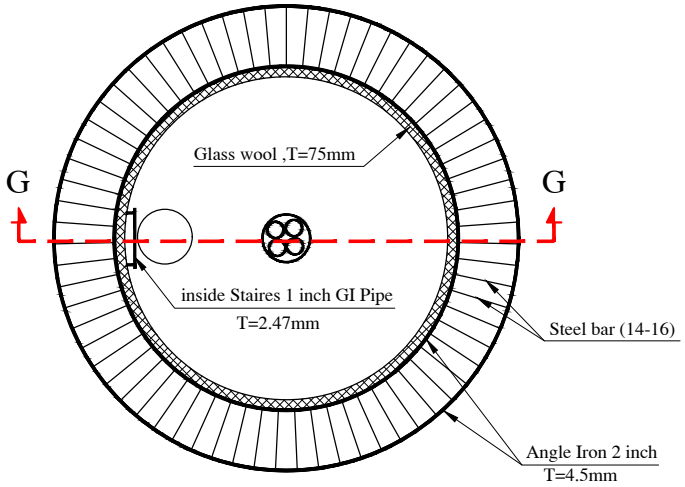
PROVINCE	HERAT	SCALE	LINER SCALE	PROJECT	WASH-OFDA-II (EARLY RECOVERY)
DISTRICT	KUSHK RUBAT SANGI	START DATE	10-FFB-2020	PROJECT SUB TITLE	SOLAR POWERED WATER SUPPLY SYSTEM
VILLAGE NAME	FOR VILLAVES IN TORGHOUNDI				
VILLAGE CODE		END DATE	30-JUNE-2020	DRAWING No.	Relocation of existed water metallic reservoir

Section G-G

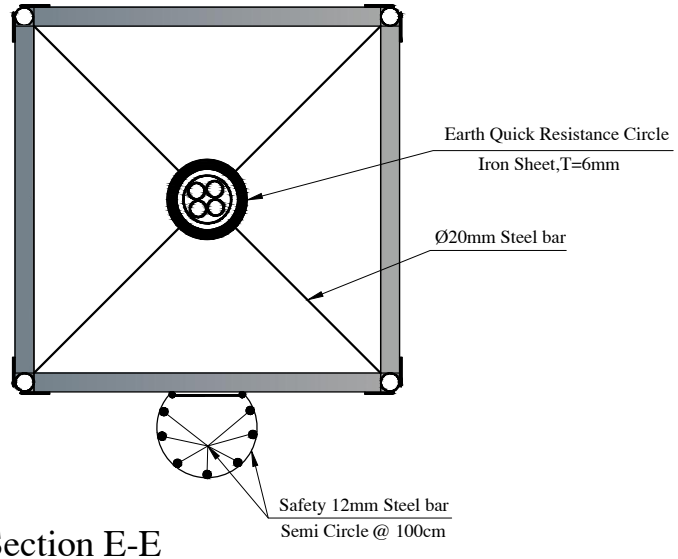


Detail-1





Section F-F



Section E-E

0.5M 1M 2M 5M

No	TASK AND RESPONSIBLE		DATE
1	SURVEYED BY:	ENG.EBRAHIMI	28-SEP-2019
2	DESIGNED BY:	HIKMAT ARIFZAI	10-DEC-2019
3	REVIEWED BY:	HIKMAT-ARIFZI	02-JAN-2020
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CRS
CATHOLIC RELIEF SERVICES

22

PROVINCE	HERAT	SCALE	LINER SCALE	PROJECT	WASH-OFDA-II (EARLY RECOVERY)
DISTRICT	KUSHK RUBAT SANGI	START DATE	10-FFB-2020	PROJECT SUB TITLE	SOLAR POWERED WATER SUPPLY SYSTEM
VILLAGE NAME	FOR VILLAVES IN TORGHOUNDI				
VILLAGE CODE		END DATE	30-JUNE-2020	DRAWING No.	Relocation of existed water metallic reservoir